

## Section 6

# Law Enforcement, Courts, and Prisons

This section presents data on crimes committed, victims of crimes, arrests, and related data. A major source of these data is the Bureau of Justice Statistics (BJS). BJS issues several reports, including *Sourcebook of Criminal Justice Statistics*, *Criminal Victimization in the United States*, *Prisoners in State and Federal Institutions*, *Children in Custody*, *National Survey of Court Organization*, *Census of State Correctional Facilities*, *Census of Jails and Survey of Jail Inmates*, *Parole in the United States*, and *Capital Punishment*. In addition, the annual *Expenditure and Employment Data for the Criminal Justice System* is issued jointly by BJS and the Bureau of the Census. For other BJS reports, see "Law Enforcement, Courts, and Prisons" in Appendix IV.

Other major sources of these data include: *Crime in the United States*, issued annually by the Federal Bureau of Investigation (FBI); the *Annual Report of the Director, Court Management Statistics*, *Federal Offenders*, and *Sentences Imposed Chart* issued by the Administrative Office of the U.S. Courts; *Governmental Finances and Public Employment*, issued annually by the Bureau of the Census; and the *Statistical Report*, issued annually by the Federal Bureau of Prisons. *State Court Caseload Statistics* are issued annually by the National Center for State Courts.

**Legal jurisdiction and law enforcement.**—Law enforcement is, for the most part, a function of State and local officers and agencies. The U.S. Constitution reserves general police powers to the States. By act of Congress, Federal offenses include only offenses against the U.S. Government and against or by its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce. Excluding the military, there are 52 separate criminal law jurisdictions in the United States: 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. While the systems of law enforcement are quite similar among the States, there are often substantial differences in the penalties for like offenses.

Law enforcement can be divided into three parts. The first covers investigation of crimes and arrests of persons suspected of committing them; the second phase is prosecution of those charged with crime; and the third phase is concerned with the punishment or treatment of persons convicted of crime.

**Crime.**—There are two major approaches taken in determining the extent of crime. One perspective is provided by the FBI through its Uniform Crime Reporting Program (UCR). The FBI receives monthly and annual reports from law enforcement agencies throughout the country, currently representing 97 percent of the national population. Each month, city police, sheriffs, and State police file reports on the number of index offenses that become known to them. The FBI Crime Index offenses are as follows: *Murder and nonnegligent manslaughter*, is based on police investigations, as opposed to the determination of a medical examiner or judicial body, includes willful felonious homicides, and excludes attempts and assaults to kill, suicides, accidental deaths, justifiable homicides, and deaths caused by negligence; *forcible rape* includes forcible rapes and attempts; *robbery* includes stealing or taking anything of value by force or violence or threat of force or violence and includes attempted robbery; *aggravated assault* includes assault with intent to kill; *burglary* includes any unlawful entry to commit a felony or a theft and includes attempted burglary and burglary followed by larceny; *larceny* includes theft of property or articles of value without use of force and violence or fraud and excludes embezzlement, "con games," forgery, etc.; *motor vehicle theft* includes all cases where vehicles are driven away and abandoned, but excludes vehicles taken for temporary use and returned by the taker.

The monthly Uniform Crime Reports also contain data on crimes cleared by arrest and on characteristics of persons arrested for all criminal offenses. In summarizing and publishing crime data, the FBI does not vouch for the validity of the reports it receives, but presents the data as information useful to persons concerned with the problem of crime and criminal-law enforcement.

A second perspective on crime, based on offenses both reported and not reported to the police, is provided by BJS through the National Crime Survey (NCS), conducted by the U.S. Bureau of the Census. The NCS measures crimes of rape, robbery, assault, burglary, personal and household larceny, and motor vehicle theft. Murder and kidnapping are not covered, and commercial burglary and robbery were dropped from the program during 1977. The so-called victimless crimes, such as

drunkenness, drug abuse, and prostitution, also are excluded, as are crimes for which it is difficult to identify knowledgeable respondents or to locate data records.

A variety of attributes of victimized persons and households appear on victimization rate tables. For crimes against persons, the rates are based on the total number of individuals age 12 and over or on a portion of that population sharing a particular characteristic or set of traits. Household crimes are regarded as being directed against the household as a unit rather than against the individual members. As general indicators of the danger of having been victimized during the reference period, the rates are not sufficiently refined to represent true measures of risk for specific individuals or households. For further detail regarding the NCS, see *Criminal Victimization in the United States*, by the U.S. Bureau of Justice Statistics.

**Courts.**—Court statistics on criminal offenses and the outcome of prosecutions are incomplete for the country as a whole, although data are available for many States individually. The only national compilations of such statistics were made by the Bureau of the Census for 1932 to 1945 covering a maximum of 32 States.

The bulk of civil and criminal litigation in the country is commenced and determined in the various State courts. Only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by them. Generally, the Federal courts have jurisdiction over the following types of cases: Suits or proceedings by or against the United States; civil actions between private parties arising under the Constitution, laws, or treaties of the United States; civil actions between private litigants who are citizens of different States; civil cases involving admiralty, maritime, or prize jurisdiction; and all matters in bankruptcy.

There are several types of courts with varying degrees of legal jurisdiction. These jurisdictions include original, appellate, general, and limited or special. A *court of original jurisdiction* is one having the authority initially to try a case and pass judgment on the law and the facts; a *court of appellate jurisdiction* is one with the legal authority to review cases and hear appeals; a *court of general jurisdiction* is a trial court of unlimited original jurisdiction in civil and/or criminal cases, also called a "major trial court"; a *court of limited or special jurisdiction* is a trial court with legal authority over only a particular class of cases, such as probate, juvenile, or traffic cases.

The 94 Federal courts of original jurisdiction are known as the U.S. district courts. One or more of these courts is established in every State and one each in the District of Columbia, Puerto Rico, the Virgin Islands, the Northern Mariana Islands, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 13, known as U.S. courts of appeals and the United States Court of Appeals for the Federal Circuit. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Juvenile offenders.**—For statistical purposes, the FBI and most States classify as juvenile offenders persons under the age of 18 years who have committed a crime or crimes.

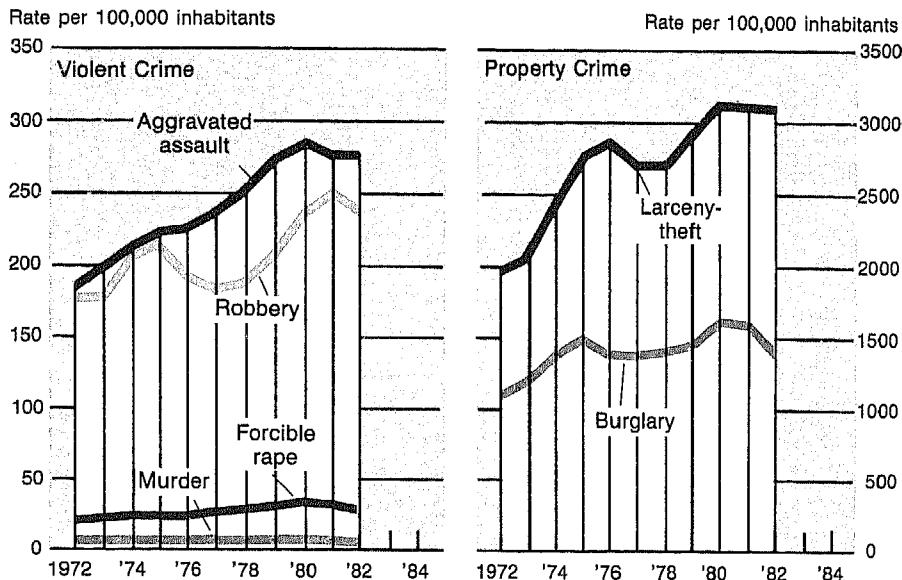
Delinquency cases are all cases of youths referred to a juvenile court for violation of a law or ordinance or for seriously "antisocial" conduct. Several types of facilities are available for those adjudicated delinquent, ranging from the short-term physically unrestricted environment to the long-term very restrictive atmosphere.

**Prisoners.**—Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950, by the Federal Bureau of Prisons until 1971, transferred them to LEAA, and, in 1979, to Bureau of Justice Statistics. Adults convicted of criminal activity may be given a prison or jail sentence. A *prison* is a confinement facility having custodial authority over adults sentenced to confinement of more than one year. A *jail* is a facility, usually operated by a local law enforcement agency, holding persons detained pending adjudication and/or persons committed after adjudication to one year or less. Nearly every State publishes annual data either for its whole prison system or for each separate State institution.

**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability pertaining to the National Crime Survey and Uniform Crime Reporting Program, see Appendix III.

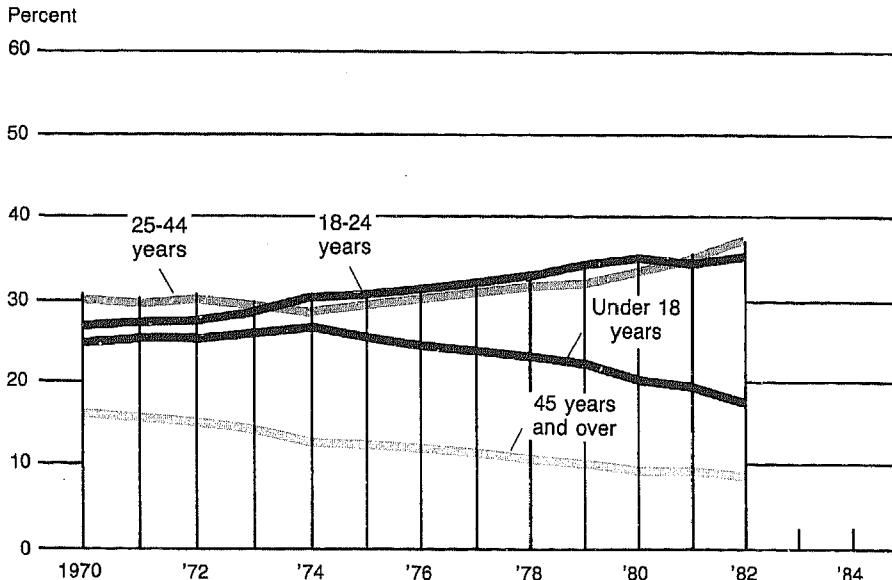
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

**Figure 6.1**  
**Selected Crime Rates: 1972 to 1982**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 285.

**Figure 6.2**  
**Persons Arrested — Percent by Age: 1970 to 1982**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.

## Law Enforcement, Courts, and Prisons

## NO. 285. CRIMES AND CRIME RATES, BY TYPE: 1973 TO 1982

[Data refer to offenses known to the police. Rates are based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. Minus sign (-) indicates decrease. For definitions of crimes, see text, pp. 173 and 174. For explanation of average annual percent change, see Guide to Tabular Presentation. See also Appendix III and Historical Statistics, Colonial Times to 1970, series H 952-961 for related data]

ITEM AND YEAR	Total	VIOLENT CRIME					PROPERTY CRIME			
		Total	Murder <sup>1</sup>	Forcible rape	Robbery	Aggravated assault	Total	Burglary	Larceny-theft	Motor vehicle theft
<b>Number of offenses (1,000):</b>										
1973	8,718	876	19.6	51.4	384	421	7,842	2,566	4,348	929
1974	10,253	975	20.7	55.4	442	458	9,279	3,039	5,263	977
1975	11,257	1,026	20.5	56.1	465	485	10,230	3,252	5,978	1,001
1976	11,305	987	18.8	56.7	420	491	10,318	3,090	6,271	958
1977	10,936	1,010	19.1	63.0	405	523	9,926	3,052	5,906	968
1978	11,141	1,062	19.6	67.1	417	558	10,080	3,104	5,983	992
1979	12,153	1,179	21.5	76.0	467	614	10,974	3,299	6,578	1,097
1980	13,295	1,309	23.0	82.1	519	655	11,987	3,789	7,113	1,115
1981	13,290	1,322	22.5	81.5	574	644	11,968	3,740	7,155	1,074
1982	12,857	1,286	21.0	77.8	537	650	11,572	3,416	7,108	1,048
<b>Annual percent change:</b>										
1973-1974	17.6	11.3	5.4	7.8	15.1	8.5	18.3	18.5	21.0	5.2
1974-1975	9.8	5.3	-1.0	1.2	5.1	6.2	10.3	7.0	13.6	2.4
1975-1976	-4	-3.9	-8.4	1.1	-9.6	1.3	-9	-5.0	4.9	-4.3
1976-1977	-3.3	2.3	1.8	11.1	-3.7	6.5	-3.8	-1.2	-5.8	1.1
1977-1978	1.9	5.2	2.3	6.5	3.0	6.8	1.5	1.7	1.3	2.4
1978-1979	9.1	11.0	9.7	13.2	12.0	10.1	8.9	6.3	9.9	10.6
1979-1980	9.4	11.1	7.4	8.0	17.5	6.6	9.2	13.9	8.1	1.6
1980-1981	(z)	1.0	-2.3	-7	4.6	-1.7	-2	-5.5	.6	-3.7
1981-1982	-3.3	-2.7	-6.7	-4.6	-6.5	1.0	-3.3	-8.7	-7	-2.4
<b>Rate per 100,000 Inhabitants:</b>										
1973	4,154	417	9.4	24.5	183	201	3,737	1,223	2,072	443
1974	4,850	461	9.8	26.2	209	216	4,389	1,438	2,490	462
1975	5,282	482	9.6	26.3	218	227	4,800	1,526	2,805	469
1976	5,266	460	8.8	26.4	196	229	4,807	1,439	2,921	446
1977	5,055	467	8.8	29.1	187	242	4,588	1,411	2,730	448
1978	5,109	487	9.0	30.8	191	256	4,622	1,424	2,744	455
1979	5,521	535	9.7	34.5	212	279	4,988	1,499	2,988	499
1980	5,900	581	10.2	36.4	244	291	5,319	1,668	3,156	495
1981	5,800	577	9.8	35.6	251	281	5,223	1,632	3,122	469
1982	5,553	555	9.1	33.6	232	281	4,998	1,475	3,070	453

Z. Less than .05 percent. <sup>1</sup> Includes nonnegligent manslaughter.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 286. CRIMES AND CRIME RATES BY TYPE AND AREA: 1981 AND 1982

[In thousands, except rate. Estimated totals based on reports from city and rural law enforcement agencies representing 97 percent of the national population. For definitions of crimes, see text, pp. 173 and 174. SMSA represents all agencies within standard metropolitan statistical area]

TYPE OF CRIME	1981						1982					
	SMSA's <sup>1</sup>		Other cities		Rural areas		SMSA's <sup>1</sup>		Other cities		Rural areas	
	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>
<b>Total</b>	11,314	6,605	1,240	5,164	736	2,176	10,947	6,323	1,204	4,983	706	2,064
<b>Violent crime</b>	1,184	691	79	330	58	173	1,147	662	80	332	59	171
Murder and nonnegligent manslaughter	19	11	1	5	2	7	17	10	1	6	2	7
Forcible rape	71	42	5	21	5	15	68	39	5	20	5	15
Robbery	553	323	15	61	7	21	517	299	13	56	6	19
Aggravated assault	542	316	58	243	44	129	545	315	60	250	45	131
<b>Property crime</b>	10,129	5,913	1,161	4,034	678	2,003	9,800	5,660	1,123	4,651	648	1,893
Burglary	3,183	1,858	290	1,209	266	787	2,891	1,869	276	1,144	249	726
Larceny-theft	5,869	3,485	814	3,390	371	1,097	5,950	3,436	796	3,297	362	1,056
Motor vehicle theft	977	570	57	236	40	119	960	554	51	210	38	110

<sup>1</sup> For definition, see text, Appendix II. <sup>2</sup> Rate per 100,000 population; see headnote, table 285.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 287. CRIME RATES BY STATES, 1979 TO 1982, AND BY TYPE, 1982

[Offenses known to the police per 100,000 population. Based on Bureau of the Census estimated resident population as of July 1, except 1980, enumerated as of April 1. For definitions of crimes, see text, pp. 173 and 174. For composition of regions, see fig. I inside front cover]

REGION, DIVISION, AND STATE	1979, total	1980, total	1981, total	Total	1982						
					Violent crime				Property crime		
					Mur- der <sup>1</sup>	Forcible rape	Rob- bery	Aggravat- ed assault	Burglary	Larceny —theft	
U.S. <sup>2</sup>	5,521	5,900	5,800	5,553	9.1	33.6	232	281	1,475	3,070	453
<b>Regions:</b>											
Northeast	5,349	5,767	5,678	5,296	7.4	25.4	348	258	1,366	2,664	627
No. Central	4,988	5,337	5,247	4,961	6.5	26.7	162	206	1,249	2,926	395
South	5,203	5,573	5,497	5,401	12.1	35.8	191	323	1,504	2,977	358
West	7,039	7,388	7,203	6,875	9.0	46.0	267	331	1,841	3,665	516
N.E.	5,606	5,713	5,546	5,163	3.8	22.6	167	232	1,337	2,712	669
Maine	4,307	4,368	4,243	3,860	2.1	13.4	30	117	1,047	2,459	191
N.H.	4,579	4,680	4,322	3,829	2.2	16.2	34	73	945	2,536	224
Vt.	5,299	4,988	5,061	4,692	2.3	34.9	23	67	1,178	3,132	255
Mass.	5,918	6,079	5,835	5,504	3.8	25.3	214	328	1,422	2,542	969
R.I.	5,770	5,933	5,852	5,364	3.7	19.4	115	264	1,400	2,826	736
Conn.	5,780	5,882	5,837	5,427	5.2	21.9	208	164	1,411	3,065	552
M.A.	5,262	5,786	5,723	5,341	8.6	26.4	410	266	1,376	2,648	606
N.Y.	6,205	6,912	6,905	6,168	11.4	29.2	611	339	1,672	3,025	781
N.J.	5,821	6,401	6,180	5,676	6.5	28.9	308	264	1,431	3,011	627
Pa.	3,495	3,736	3,683	3,453	5.7	20.6	175	159	901	1,859	332
E.N.C.	5,213	5,528	5,425	5,184	7.2	29.1	196	221	1,294	3,001	446
Ohio	5,130	5,431	5,147	4,936	6.3	29.9	184	217	1,310	2,808	382
Ind.	4,601	4,930	4,540	4,430	6.5	27.8	109	157	1,089	2,713	327
Ill.	5,169	5,275	4,950	4,817	8.8	21.1	205	219	1,098	2,789	476
Mich.	6,147	6,676	6,854	6,785	9.1	46.6	271	330	1,813	3,623	692
Wis.	4,388	4,799	4,767	4,439	3.1	14.3	71	102	977	3,089	163
W.N.C.	4,446	4,874	4,815	4,424	4.8	21.1	104	170	1,139	2,746	239
Minn.	4,393	4,799	4,737	4,455	2.3	22.7	101	93	1,182	2,816	238
Iowa	4,302	4,747	4,717	4,137	2.3	12.5	36	122	948	2,842	174
Mo.	4,940	5,433	5,351	4,948	9.7	23.9	193	278	1,391	2,714	336
N. Dak.	2,756	2,964	2,991	2,648	.7	9.9	13	39	459	1,987	140
S. Dak.	2,980	3,243	3,013	2,645	2.7	11.4	17	68	562	1,665	118
Nebr.	3,393	4,305	4,178	3,951	2.0	20.7	62	145	811	2,732	178
Kans.	4,896	5,379	5,404	4,952	5.7	24.8	87	218	1,345	3,049	223
S.A. <sup>2</sup>	5,658	6,081	5,993	5,656	10.9	37.4	215	376	1,503	3,201	312
Del.	6,526	6,777	6,689	6,385	5.3	30.9	122	401	1,445	3,569	412
Md.	6,295	6,630	6,558	6,012	10.1	37.4	361	442	1,420	3,351	392
Va.	4,361	4,620	4,671	4,256	7.4	24.9	122	155	974	2,789	184
W. Va.	2,325	2,552	2,619	2,511	5.2	15.1	50	104	718	1,435	183
N.C.	4,372	4,640	4,520	4,543	9.1	22.0	86	329	1,309	2,603	184
S.C.	5,066	5,439	5,319	5,361	10.9	38.8	122	548	1,491	2,873	278
Ga.	5,417	5,604	5,629	5,215	12.6	39.8	155	271	1,498	2,927	312
Fla.	7,688	8,402	8,032	7,465	13.5	53.6	298	532	2,035	4,104	430
E.S.C.	3,687	4,161	4,141	4,118	10.7	27.6	122	220	1,198	2,279	261
Ky.	3,184	3,434	3,532	3,568	9.7	20.0	97	188	1,029	1,991	233
Tenn.	4,013	4,488	4,311	4,414	9.7	35.5	176	200	1,289	2,372	332
Ala.	4,244	4,934	4,899	4,634	10.6	26.0	112	299	1,256	2,656	273
Miss.	2,961	3,417	3,537	3,573	14.0	26.5	73	181	1,184	1,941	154
W.S.C.	5,443	5,657	5,547	5,771	14.7	41.2	195	302	1,687	3,047	484
Ark.	3,621	3,811	3,796	3,872	8.2	27.1	79	211	1,071	2,289	185
La.	5,359	5,454	5,268	5,311	16.0	39.9	213	401	1,425	2,882	336
Okl.	4,703	5,053	4,837	5,222	10.8	37.1	133	263	1,604	2,686	489
Tex.	5,925	6,143	6,050	6,302	16.1	44.6	220	296	1,872	3,284	570
Mt.	6,484	6,831	6,683	6,351	7.1	37.1	139	297	1,578	3,951	341
Mont.	4,461	5,024	5,019	4,333	3.9	14.9	33	173	844	3,006	250
Idaho	4,241	4,782	4,531	4,083	2.5	16.6	30	210	1,032	2,617	175
Wyo.	4,824	4,986	5,132	4,804	9.2	27.1	34	234	883	3,567	250
Colo.	7,051	7,333	7,353	7,080	6.0	44.5	151	303	1,749	4,429	397
N. Mex.	5,788	5,979	6,201	6,608	11.6	48.3	126	548	1,629	3,930	315
Ariz.	7,857	8,171	7,614	7,131	8.3	38.5	159	312	1,883	4,361	370
Utah	5,492	5,881	5,750	5,334	3.4	23.7	86	172	1,107	3,690	251
Nev.	8,832	8,854	8,592	7,901	13.6	61.5	420	311	2,413	4,118	565
Pac.	7,233	7,588	7,391	7,064	9.7	49.2	313	343	1,936	3,834	579
Wash.	6,530	6,915	6,742	6,282	4.4	45.9	118	238	1,680	3,915	281
Oreg.	6,373	6,687	7,037	6,557	5.1	39.9	167	261	1,790	4,004	301
Calif.	7,469	7,833	7,590	7,285	11.2	50.7	372	381	2,020	3,785	665
Alaska	6,204	6,210	6,595	6,213	18.5	85.4	134	386	1,188	3,806	594
Hawaii	7,248	7,482	6,543	6,584	3.1	34.4	157	61	1,658	4,250	421

<sup>1</sup> Includes nonnegligent manslaughter.

<sup>2</sup> Includes District of Columbia, not shown separately.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## Law Enforcement, Courts, and Prisons

NO. 288. CRIME RATES FOR VIOLENT CRIMES IN CITIES, BY SIZE GROUP AND FOR SELECTED CITIES:  
1973 TO 1982

[Offenses known to the police per 100,000 population. For types of violent crime, see table 289. Rates based on population of cities as estimated by FBI, using Bureau of the Census estimates as of July 1, of each year, except 1980 as of April 1. Minus sign (—) indicates decrease]

CITY-SIZE GROUP AND CITY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	AVERAGE ANNUAL PERCENT CHANGE	
											1973-1977	1978-1982
Cities with population of—												
250,000 or more .....	1,003	1,100	1,159	1,095	1,070	1,121	1,238	1,414	1,441	1,354	1.6	4.8
100,000-249,999 .....	545	600	632	573	600	627	702	812	826	779	2.4	5.6
50,000-99,999 .....	372	406	451	416	444	486	526	602	584	561	4.5	3.7
25,000-49,999 .....	295	331	343	338	342	364	420	455	452	431	3.8	4.3
10,000-24,999 .....	221	250	268	254	264	276	315	352	342	320	4.5	3.8
Fewer than 10,000 .....	199	218	232	216	230	245	279	298	291	284	3.7	3.8
Selected cities:												
New York, N.Y. ....	1,483	1,615	1,781	1,781	1,629	1,694	1,862	2,126	2,220	2,028	2.4	4.6
Baltimore, Md. ....	1,771	1,961	1,862	1,648	1,725	1,875	1,963	2,112	2,224	2,090	-6	2.8
Washington, D.C. ....	1,558	1,603	1,774	1,481	1,427	1,412	1,609	2,011	2,275	2,123	-2.2	10.7
Detroit, Mich. ....	1,681	2,004	2,121	2,225	1,829	1,669	1,670	1,945	1,941	2,009	2.1	4.7
San Francisco, Calif. ....	1,197	1,135	1,364	1,618	1,409	1,596	1,675	1,885	1,735	1,640	4.2	7
Los Angeles, Calif. ....	1,064	1,059	1,114	1,167	1,209	1,320	1,515	1,742	1,743	1,739	3.3	7.1
Dallas, Tex. ....	998	866	885	815	1,019	1,134	1,298	1,409	1,360	1,346	5	4.4
Memphis, Tenn. ....	749	819	840	735	784	792	848	1,070	1,079	1,153	1.2	9.8
Philadelphia, Pa. ....	755	871	887	684	635	656	627	1,029	1,044	1,038	-4.2	12.2
Chicago, Ill. ....	1,168	1,282	1,180	978	925	897	909	960	850	877	-5.4	-6
Phoenix, Ariz. ....	647	717	698	576	630	775	808	908	795	667	-7	-3.7
San Diego, Calif. ....	372	473	502	532	580	567	656	707	734	635	10.8	2.9
Indianapolis, Ind. ....	336	709	925	838	744	727	813	637	983	938	22.0	6.6
San Antonio, Tex. ....	587	624	549	436	491	422	493	541	567	695	-4.4	13.3

X Not applicable.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## NO. 289. CRIME RATES, BY TYPE—POPULATION-SIZE GROUPS AND SELECTED CITIES: 1982

[Offenses known to the police per 100,000 population, as of July 1. For definitions of crimes, see text, pp. 173 and 174.]

CITY-SIZE GROUP <sup>1</sup> AND CITY	Crime index, total	VIOLENT CRIME					PROPERTY CRIME				
		Total	Murder	Forcible rape	Robbery	Aggravated assault	Total	Burglary—breaking or entering	Larceny—theft	Motor vehicle theft	
Total, 11,718 agencies .....	5,773	589	9.5	35	251	293	5,185	1,535	3,173	477	
Total, 8,033 cities .....	6,899	723	10.8	40	335	337	6,177	1,754	3,827	596	
Cities with population of—											
250,000 or more .....	9,205	1,354	21.7	69	773	491	7,851	2,426	4,328	1,097	
100,000-249,999 .....	8,355	779	11.5	51	321	395	7,576	2,203	4,802	571	
50,000-99,999 .....	6,579	561	6.8	37	212	306	6,019	1,712	3,794	513	
25,000-49,999 .....	5,984	431	5.7	27	139	260	5,553	1,460	3,689	393	
10,000-24,999 .....	4,866	320	4.3	18	80	216	4,546	1,162	3,097	286	
Fewer than 10,000 .....	4,498	284	4.1	16	50	214	4,214	1,008	2,986	221	
Suburbs, 5,450 agencies <sup>2</sup> .....	4,515	351	5.4	24	99	223	4,164	1,207	2,647	311	
Rural areas, 2,538 agencies .....	2,225	184	6.8	15	20	142	2,041	788	1,133	120	
Selected cities:											
Dallas, Tex. ....	11,937	1,345	31.5	114	587	613	10,592	3,433	6,416	743	
Phoenix, Ariz. ....	9,293	657	11.7	53	295	307	8,626	2,639	5,448	540	
Detroit, Mich. ....	12,942	2,009	43.4	99	1,357	510	10,933	4,200	4,061	2,672	
San Francisco, Calif. ....	9,685	1,640	15.7	84	1,010	530	8,045	1,935	5,210	900	
New York, N.Y. ....	9,703	2,028	23.5	50	1,352	603	7,674	2,435	3,726	1,514	
Washington, D.C. ....	10,411	2,123	30.7	67	1,448	578	8,288	2,341	5,299	848	
Los Angeles, Calif. ....	10,328	1,739	27.4	87	968	657	6,589	2,740	4,273	1,575	
Baltimore, Md. ....	9,134	2,090	28.4	69	1,171	822	7,044	2,044	4,442	558	
San Diego, Calif. ....	7,131	635	7.8	47	342	239	6,496	1,764	3,883	849	
Memphis, Tenn. ....	8,476	1,153	18.5	108	667	359	7,322	2,560	3,984	778	
San Antonio, Tex. ....	7,814	695	22.4	47	258	367	7,119	2,358	4,127	635	
Chicago, Ill. ....	6,041	877	22.2	37	542	276	5,164	1,071	3,068	1,025	
Philadelphia, Pa. ....	5,608	1,038	19.7	50	628	340	4,571	1,370	2,376	824	
Indianapolis, Ind. ....	7,508	938	14.9	84	431	409	6,570	2,161	3,782	627	

<sup>1</sup> See headnote, table 288. <sup>2</sup> Agencies also included in other city and county groups.

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## No. 290. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS: 1973 TO 1981

[Rates per 1,000 persons, 12 years old and over. Includes attempted crimes. Data based on National Crime Survey; see Appendix III.]

YEAR AND CRIME	Total <sup>1</sup>	White	Black	Span- ish ori- gin <sup>2</sup>	MALE			FEMALE			VICTIM-OFFENDER RELATIONSHIP	
					White	Black	Span- ish ori- gin <sup>2</sup>	White	Black	Span- ish ori- gin <sup>2</sup>	Stranger	Non- stranger
1973, total	33	32	42	36	43	53	53	21	32	22	22	11
1974, total	33	32	41	34	44	54	49	21	29	20	22	11
1975, total	33	32	43	40	42	53	50	21	34	30	21	11
1976, total	33	31	44	35	42	55	55	21	36	23	21	12
1977, total	34	33	42	40	45	57	50	22	28	32	21	13
1978, total	34	33	41	37	45	54	54	22	30	23	21	12
1979: Total <sup>3</sup>	35	34	42	41	44	53	55	24	32	29	22	12
Rape	1	1	2	1	(B)	(B)	(B)	2	3	1	1	(B)
Robbery:												
With injury	2	2	4	4	3	6	7	2	2	2	2	(B)
Without injury	4	4	9	6	5	14	8	2	4	4	3	1
Aggravated assault	10	9	13	14	14	20	20	5	7	9	6	4
Simple assault	17	18	15	17	23	12	20	13	16	13	10	7
Personal larceny	92	83	87	83	100	96	84	86	80	82	(X)	(X)
1980: Total <sup>3</sup>	33	32	41	40	43	53	54	22	31	27	21	12
Rape	1	1	1	1	(B)	(B)	(B)	2	2	1	1	(B)
Robbery:												
With injury	2	2	4	3	3	6	5	2	3	2	2	(B)
Without injury	4	4	10	9	5	14	11	2	6	6	4	1
Aggravated assault	9	9	13	13	13	19	20	4	7	6	6	3
Simple assault	17	17	13	14	22	13	18	12	13	12	9	7
Personal larceny	83	83	80	76	89	89	77	78	73	75	(X)	(X)
1981: Total <sup>3</sup>	35	33	50	39	44	61	53	23	40	26	23	12
Rape	1	1	2	1	(B)	(B)	(B)	2	3	2	1	(B)
Robbery:												
With injury	2	2	4	4	3	5	5	2	4	3	2	(B)
Without injury	5	4	13	9	5	18	13	3	8	5	4	1
Aggravated assault	10	9	14	13	14	20	18	5	10	8	7	3
Simple assault	17	17	17	13	22	17	17	13	16	9	10	7
Personal larceny	85	85	85	86	90	97	86	81	75	86	(X)	(X)

B Estimated number of victimizations too small to be statistically reliable. X Not applicable.

<sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Spanish origin may be of any race. <sup>3</sup> Excludes personal larceny.

## NO. 291. VICTIMIZATION RATES FOR CRIMES AGAINST HOUSEHOLDS: 1973 to 1981

[Rates per 1,000 households. Includes attempted offenses. Data based on National Crime Survey; see Appendix III; for further details, see source]

YEAR AND HOUSEHOLD CHARACTERISTIC	BURGLARY			LARCENY			MOTOR VEHICLE THEFT		
	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
1973	92	87	133	107	108	104	19	18	24
1974	93	88	135	124	125	112	19	18	26
1975	92	87	129	125	127	115	19	19	27
1976	89	84	131	124	126	112	16	16	21
1977	89	84	122	123	124	116	17	16	21
1978	86	83	115	120	120	121	18	17	21
1979: All households	84	80	114	134	133	133	18	17	22
Homeowner	69	67	91	117	116	133	13	12	22
Renter	113	108	133	165	171	133	26	27	22
Households with income of—									
Under \$7,500	94	90	112	115	117	107	12	11	13
\$7,500-\$14,999	87	83	113	143	142	143	19	18	25
\$15,000 and over	80	77	125	148	147	164	19	18	36
1980: All households	84	81	115	127	125	134	17	16	25
Homeowner	72	69	101	113	111	124	14	13	27
Renter	107	104	127	152	153	142	22	22	24
Households with income of—									
Under \$7,500	96	89	127	108	108	107	10	9	14
\$7,500-\$14,999	80	77	104	142	138	162	16	15	28
\$15,000 and over	82	81	112	134	133	146	19	19	30
1981: All households	88	83	134	121	119	142	17	16	24
Homeowner	73	70	109	110	107	149	13	12	19
Renter	115	108	153	141	143	136	25	25	28
Households with income of—									
Under \$7,500	107	96	149	119	117	127	12	12	14
\$7,500-\$14,999	88	83	130	123	121	132	18	17	27
\$15,000 and over	81	79	116	126	123	178	18	17	37

<sup>1</sup> Includes other races not shown separately.

Source of tables 290 and 291: Through 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

**NO. 292. VICTIMIZATION RATES FOR CRIMES AGAINST PERSONS AND HOUSEHOLDS, BY TYPE:  
1973 TO 1981**

[Rate per 1,000 persons, 12 years old and over; and per 1,000 households, except percent change. Data based on National Crime Survey; see Appendix III; for further detail see source. Minus sign (—) indicates decrease]

YEAR	PERSONAL SECTOR										HOUSEHOLD SECTOR		
	Violent crimes						Larceny—Theft				Burglary	Larceny	Motor vehicle theft
	Total	Rape	Robbery	Assault			Total	With contact	Without contact				
<b>RATE</b>													
1973.....	32.6	1.0	6.7	24.9	10.1	14.8	91.1	3.1	88.0	91.7	107.0	19.1	
1974.....	33.0	1.0	7.2	24.8	10.4	14.4	95.1	3.1	92.0	93.1	123.8	18.8	
1975.....	32.8	.9	6.8	25.2	9.6	15.6	96.0	3.1	92.9	91.7	125.4	19.5	
1976.....	32.6	.8	6.5	25.3	9.9	15.4	96.1	2.9	93.2	88.9	124.1	16.5	
1977.....	33.9	.9	6.2	26.8	10.0	16.8	97.3	2.7	94.6	86.5	123.3	17.0	
1978.....	33.7	1.0	5.9	26.9	9.7	17.2	96.8	3.1	93.6	86.0	119.9	17.5	
1979.....	34.5	1.1	6.3	27.2	8.9	17.3	91.9	2.9	89.0	84.1	139.7	17.5	
1980.....	33.3	.9	6.6	25.8	9.3	16.5	83.0	3.0	80.0	84.3	126.5	16.7	
1981.....	35.3	1.0	7.4	27.0	9.6	17.3	85.1	3.3	81.9	87.9	121.0	17.1	
<b>PERCENT CHANGE</b>													
1973-1981.....	8.5	-	9.9	8.4	-4.3	17.0	-6.5	5.9	-7.0	-4.1	13.1	-10.3	
1974-1981.....	7.1	-3.1	3.2	8.6	7.2	19.9	-10.5	4.5	11.0	-5.6	-2.2	-9.1	
1975-1981.....	7.6	4.4	9.6	7.1	-.3	11.3	-11.4	5.2	-11.9	-4.1	-3.5	-12.2	
1976-1981.....	8.4	13.1	14.7	6.7	-2.2	12.4	-11.4	12.5	-12.2	-1.1	-2.5	3.9	
1977-1981.....	4.2	6.7	19.1	.6	-3.4	3.0	-12.5	22.6	-13.5	-.7	-1.8	.8	
1978-1981.....	4.7	-2.1	25.8	.4	-.5	.9	-12.0	4.2	-12.6	2.3	.9	-2.3	
1979-1981.....	2.3	-12.0	18.4	-.9	-2.8	.2	-7.4	13.2	-8.0	4.6	.95	-2.3	
1980-1981.....	6.2	-1.1	13.0	4.7	4.1	5.0	2.6	7.3	2.4	4.3	-4.3	2.5	

- Represents zero.

Source: U.S. Bureau of Justice Statistics, *Criminal Victimization in the United States*, annual.

**NO. 293. HOMICIDE VICTIMS, BY RACE AND SEX: 1950 TO 1980**

[Rates per 100,000 resident population in specified group. Beginning 1970, excludes deaths to nonresidents of U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*; for earlier years, classified according to revision in use at the time, see text, p. 61. See also *Historical Statistics, Colonial Times to 1970*, series H 971-978]

YEAR	HOMICIDE VICTIMS						HOMICIDE RATE <sup>2</sup>					
	Total <sup>1</sup>	White		Black		Total <sup>1</sup>	White		Black		Male	Female
		Male	Female	Male	Female		Male	Female	Male	Female		
1950.....	7,942	2,586	952	3,450	890	5.3	3.9	1.4	(NA)	(NA)		
1955.....	7,418	2,439	922	3,128	846	4.5	3.4	1.2	(NA)	(NA)		
1960.....	8,464	2,832	1,154	3,345	1,013	4.7	3.6	1.4	36.7	10.4		
1965.....	10,712	3,660	1,379	4,376	1,147	6.5	4.4	1.6	43.4	10.5		
1970.....	16,848	5,655	1,938	7,265	1,569	8.3	6.8	2.1	67.6	13.3		
1975.....	21,310	8,222	2,751	8,092	1,929	9.9	9.0	2.9	69.0	14.9		
1976.....	19,554	7,568	2,547	7,327	1,767	9.0	8.2	2.6	61.6	13.4		
1977.....	19,968	7,951	2,787	7,135	1,734	9.1	8.6	2.9	59.1	12.9		
1978.....	20,432	8,429	2,771	7,118	1,739	9.2	9.0	2.8	58.1	12.8		
1979.....	22,550	9,392	2,942	7,938	1,874	10.0	9.9	3.0	63.8	13.5		
1980.....	24,278	10,381	3,177	8,385	1,898	10.7	10.9	3.2	66.6	13.5		

NA Not available. <sup>1</sup> Includes races not shown separately. <sup>2</sup> Rate based on enumerated population figures as of April 1 for 1950, 1960, and 1970; July 1 estimates for other years.

**NO. 294. HOMICIDE VICTIMS: 1960 TO 1980**

[Beginning 1970, excludes deaths of nonresidents of the United States. See headnote, table 293. See also *Historical Statistics, Colonial Times to 1970*, series H 971-986]

ITEM	1960, total	1965, total	1970		1977		1978		1979		1980	
			Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male	Male	Fe-male
Homicides.....	8,464	10,712	13,270	3,570	15,355	4,613	15,838	4,594	17,628	4,922	19,088	5,190
Assault by—												
Firearms <sup>1</sup> .....	4,627	6,158	9,209	2,004	10,520	2,354	10,997	2,389	12,023	2,479	12,878	2,622
Percent of total.....	54.7	57.5	69.4	56.1	68.5	51.0	69.4	52.0	68.2	50.4	67.5	50.5
Cutting and piercing instru-	1,836	2,292	2,229	551	2,747	795	2,729	783	2,725	881	3,461	893
Other means.....	1,700	1,984	1,512	1,010	1,821	1,462	1,854	1,414	2,069	1,554	2,410	1,673
Intervention of police.....	245	271	328	5	266	2	257	8	337	8	309	2
Execution.....	56	7	80	70	96	81	82	79	104	66	114	96
Infanticides <sup>2</sup> .....	199	213	80	70	96	81	82	79	104	66	114	96

- Represents zero. <sup>1</sup> Includes explosives. <sup>2</sup> Included above; homicide victims under 1 year of age.

Source of tables 293 and 294: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## No. 295. HOMICIDE—VICTIMS AND RATE, SELECTED COUNTRIES: 1976 TO 1981

[Rates per 100,000 population of all ages]

COUNTRY	HOMICIDE VICTIMS						HOMICIDE RATE					
	1976	1977	1978	1979	1980	1981	1976	1977	1978	1979	1980	1981
U.S. ....	19,554	19,968	20,432	(NA)	(NA)	(NA)	9.1	9.2	9.4	(NA)	(NA)	(NA)
Australia .....	285	272	258	265	280	(NA)	2.0	1.9	1.8	1.8	1.9	(NA)
Austria .....	94	98	106	98	91	95	1.3	1.3	1.4	1.3	1.2	1.3
Canada .....	563	607	586	(NA)	(NA)	(NA)	2.4	2.6	2.5	(NA)	(NA)	(NA)
Denmark .....	35	35	27	50	70	(NA)	.7	.7	.5	1.0	1.4	(NA)
Finland .....	155	135	143	127	(NA)	(NA)	3.3	2.8	3.0	2.7	(NA)	(NA)
France .....	479	522	540	(NA)	(NA)	(NA)	.9	1.0	1.0	(NA)	(NA)	(NA)
Germany, Fed. Rep. of .....	778	727	740	672	709	782	1.3	1.2	1.2	1.1	1.2	(NA)
Greece .....	60	58	66	68	65	82	.7	.6	.7	.7	.7	.8
Ireland .....	11	28	24	(NA)	(NA)	(NA)	.3	.9	.7	(NA)	(NA)	(NA)
Israel <sup>1</sup> .....	58	52	60	70	69	(NA)	1.6	1.4	1.6	1.8	1.8	(NA)
Japan .....	1,424	1,376	1,306	1,192	1,113	(NA)	1.3	1.2	1.1	1.0	1.0	1.0
Netherlands .....	112	120	112	120	111	116	.8	.9	.8	.9	.8	.8
Norway .....	30	33	30	38	46	55	.7	.8	.7	.9	1.1	1.3
Poland .....	416	454	446	362	(NA)	(NA)	1.2	1.3	1.3	1.0	(NA)	(NA)
Spain .....	187	240	338	393	(NA)	(NA)	.5	.7	(NA)	1.1	(NA)	(NA)
Sweden .....	103	97	82	112	97	(NA)	1.3	1.2	1.0	1.4	1.2	(NA)
Switzerland .....	56	54	46	58	60	(NA)	.9	.9	.7	.9	1.0	(NA)
United Kingdom:												
England <sup>2</sup> .....	540	449	612	523	400	(NA)	1.1	.9	1.2	1.1	.8	(NA)
Northern Ireland .....	210	220	87	(NA)	(NA)	(NA)	13.7	14.3	5.7	(NA)	(NA)	(NA)
Scotland .....	101	98	78	77	80	84	1.9	1.9	1.5	1.5	1.6	1.6

NA Not available. <sup>1</sup>Jewish population. <sup>2</sup>Includes Wales.

Source: World Health Organization, Geneva, Switzerland, unpublished data.

## No. 296. MURDER VICTIMS, BY WEAPONS USED OR CAUSE OF DEATH: 1973 TO 1982

(Based solely on police investigation. See text, p. 173, for definition of murder)

YEAR	Murder victims, total	WEAPONS USED OR CAUSE OF DEATH								
		Guns			Cutting or stabbing		Blunt object <sup>1</sup>	Strangula- tions, beatings	All other <sup>2</sup>	
		Total	Per- cent of total	Per- cent hand- guns	Total	Per- cent				
1973.....	17,123	11,249	66	53	2,985	17	848	1,445	173	423
1974.....	18,632	12,474	68	54	3,228	17	976	1,417	153	384
1975.....	18,642	12,061	66	51	3,245	17	1,001	1,646	193	496
1976.....	16,605	10,582	64	49	2,956	18	806	1,330	227	694
1977.....	18,033	11,274	63	46	3,440	19	849	1,431	252	787
1978.....	18,714	11,910	64	49	3,525	19	896	1,422	255	705
1979.....	20,591	13,040	63	50	3,954	19	997	1,557	276	767
1980.....	21,860	13,650	62	50	4,212	19	1,094	1,666	291	947
1981.....	20,053	12,523	62	50	3,886	19	1,038	1,469	258	879
1982.....	19,485	11,721	60	43	4,065	21	957	1,657	279	806

<sup>1</sup> Refers to club, hammer, etc. <sup>2</sup> Includes poison, drownings, and unknown.Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## No. 297. SELECTED CRIMES, BY TYPE: 1982

TYPE OF CRIME	Of- fenses (1,000)	PERCENT		Aver- age value lost ( dol.)	TYPE OF CRIME	Of- fenses (1,000)	PERCENT		Aver- age value lost ( dol.)
		Change from 1981 <sup>1</sup>	Incidence, 1982				Change from 1981 <sup>1</sup>	Incidence, 1982	
Robbery, total <sup>2</sup> .....	493	-6.8	100.0	632	Larceny—theft, total <sup>2</sup> .....	6,459	-.9	100.0	340
Highway.....	266	-3.4	54.0	414	Pocket picking.....	77	.9	1.2	237
Commercial house.....	60	-14.4	12.2	1,085	Purse snatching.....	92	-10.5	1.4	176
Gas station.....	18	-20.5	3.6	371	Shoplifting.....	796	6.5	12.3	71
Convenience store.....	28	-14.8	5.7	438	From motor vehicles.....	1,224	5.4	19.0	385
Residence.....	55	-6.1	11.3	1,043	Motor vehicle accessory- es.....	1,273	2.8	19.7	214
Bank.....	7	-10.1	1.3	3,347	Bicycles.....	573	-5.9	8.9	146
Burglary, total.....	3,079	-9.3	100.0	880	From buildings.....	1,022	-5.5	15.8	529
Residence.....	2,020	-11.8	65.6	927	From coin-operated machines.....	57	4.8	.9	132
Nonresidence.....	1,058	-4.2	34.4	788					

<sup>1</sup> Minus sign (-) indicates decrease. <sup>2</sup> Includes types not shown separately.Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual; and unpublished data.

## Law Enforcement, Courts, and Prisons

## No. 298. PERCENT OF FIREARMS USED IN SELECTED CRIMES, BY REGION: 1975 TO 1982

[For definitions of crimes, see text, pp. 173 and 174. For regions, see fig. I. Murder includes nonnegligent manslaughter]

REGION	MURDER				AGGRAVATED ASSAULT				ROBBERY			
	1975	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
U.S. total.....	65.8	62.4	62.4	60.2	24.9	23.9	23.6	22.4	44.8	40.3	40.1	39.9
Northeast.....	51.3	54.2	53.4	52.2	17.6	15.5	16.9	14.9	32.7	32.6	34.6	33.2
North Central.....	70.7	62.8	62.8	60.6	28.5	25.0	22.5	23.1	52.7	42.0	38.3	36.9
South.....	72.7	68.4	68.0	65.8	29.2	27.6	27.8	26.1	53.4	46.7	46.9	47.3
West.....	59.0	57.8	57.6	55.1	22.3	24.5	23.3	22.0	44.4	43.2	42.0	41.2

Source: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## No. 299. LAW ENFORCEMENT OFFICERS KILLED, BY GEOGRAPHIC DIVISION: 1973 TO 1982

[Covers officers killed in line of duty; includes Federal officers. For composition of divisions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series H 987-998]

DIVISION	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total killed.....	176	179	185	140	125	145	164	165	157	164
By felons.....	134	132	129	111	93	93	106	104	91	92
In accidents.....	42	47	56	29	32	52	58	61	66	72
New England.....	7	2	4	4	2	4	2	6	5	5
Middle Atlantic.....	21	18	24	15	12	13	19	25	12	12
East North Central.....	21	43	32	20	10	13	23	14	16	32
West North Central.....	6	8	8	10	16	11	5	9	13	9
South Atlantic.....	37	42	31	34	31	23	36	32	35	29
East South Central.....	13	12	18	14	11	16	22	15	21	13
West South Central.....	30	23	22	21	23	30	19	25	24	33
Mountain.....	16	9	14	4	3	7	14	11	8	11
Pacific.....	21	18	22	13	15	24	18	21	19	16
Puerto Rico.....	4	4	8	4	1	4	4	6	3	4

<sup>1</sup> Includes one officer each in Virgin Islands and Guam. <sup>2</sup> Includes one officer in Colombia. <sup>3</sup> Includes one officer in Virgin Islands. <sup>4</sup> Includes 2 officers in Guam. <sup>5</sup> Includes one officer in American Samoa. <sup>6</sup> Includes one officer in Mariana Islands.

## No. 300. LAW ENFORCEMENT OFFICERS ASSAULTED, BY TYPE OF WEAPON USED: 1975 TO 1982

YEAR	Population <sup>1</sup> (1,000)	NUMBER OF—		Total assaulted	Firearm	Knife or cutting instrument	Other dangerous weapon	Hands, fists, etc.
		Agencies represented	Police officers					
1975.....	151,927	7,435	290,638	44,867	3,282	1,287	4,516	35,782
1979.....	182,027	9,638	340,764	59,031	3,237	1,720	5,543	48,531
1980.....	182,288	9,235	345,554	57,847	3,295	1,653	5,415	47,484
1981.....	177,836	9,019	332,856	57,116	3,330	1,733	4,800	47,253
1982.....	176,563	8,829	319,101	55,775	2,642	1,452	4,879	46,802

<sup>1</sup> Represents the number of persons covered by agencies shown.Source of tables 299 and 300: U.S. Federal Bureau of Investigation, *Law Enforcement Officers Killed and Assaulted*, annual.

## No. 301. REPORTED CHILD NEGLECT AND ABUSE CASES, BY DIVISION: 1978 TO 1981

[The following information was derived from data provided by State child protective services personnel to the National Study on Child Neglect and Abuse Reporting, a project conducted by The American Humane Association and funded through the National Center on Child Abuse and Neglect, OHDS, DHHS. The figures represent total numbers of child maltreatment reports that were documented within the States, which includes both substantiated and unsubstantiated reports. Also, the figures embody the variation among States with respect to whether they use individual child reports or reports which indicate all involved children in the family. Minus sign (-) indicates decline]

DIVISION	1981 population <sup>1</sup> (1,000)	TOTAL NUMBER OF REPORTS (1,000)				PERCENT CHANGE			REPORTS PER 1,000 POPULATION <sup>1</sup>			
		1978	1979	1980	1981	1978-1979	1979-1980	1980-1981	1978	1979	1980	1981
U.S. total.....	229,348	606.6	707.4	785.1	846.2	16.6	11.0	7.8	2.7	3.2	3.5	3.7
New England.....	12,448	33.4	41.3	48.3	39.0	23.5	17.1	-19.3	2.7	3.3	3.9	3.1
Middle Atlantic.....	36,893	76.3	85.5	91.8	101.9	12.1	7.3	-11.0	2.1	2.3	2.5	2.8
East North Central.....	41,678	69.1	104.8	105.3	110.5	51.7	5.5	4.9	1.7	2.5	2.5	2.7
West North Central.....	17,278	68.8	66.6	77.7	85.7	-3.2	16.6	10.3	4.0	3.9	4.5	5.0
South Atlantic.....	37,695	95.3	128.2	154.5	174.8	31.0	22.4	13.1	2.7	3.5	4.2	4.6
East South Central.....	14,745	59.5	61.5	58.2	66.1	3.4	-5.3	13.6	4.1	4.2	4.0	4.5
West South Central.....	24,415	52.9	61.7	69.7	88.4	16.7	13.0	26.8	2.3	2.7	2.9	3.6
Mountain.....	11,706	38.6	31.9	37.7	37.3	-17.3	18.0	-1.1	3.6	2.9	3.3	3.2
Pacific.....	32,489	111.7	127.8	141.8	142.5	14.4	11.0	.5	3.7	4.1	4.4	4.4

<sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.Source: American Humane Association, Denver, Colorado, *National Analysis of Official Child Neglect and Abuse Reporting*, annual.

## No. 302. PERSONS ARRESTED BY SEX, AGE, AND RACE: 1974 TO 1982

[1974-1981 data represent agencies reporting 6 to 12 months; thereafter data represent those agencies reporting 12 months. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

ITEM	UNIT	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>SEX AND AGE</b>										
Agencies reporting.....	Number.....	5,208	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832
Population represented.....	Million.....	134	179	175	198	207	205	208	214	187
Percent of total population <sup>1</sup> .....	Percent.....	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9
Persons arrested <sup>2</sup> .....	1,000.....	6,179	8,014	7,912	9,029	9,775	9,506	9,703	10,296	10,062
Male.....	1,000.....	5,185	6,752	6,672	7,581	8,227	8,011	8,170	8,833	8,425
Percent of total.....	Percent.....	83.9	84.3	84.3	84.0	84.2	84.3	84.2	83.9	83.7
Percent under 18 yr.....	Percent.....	26.4	25.5	23.3	22.5	22.0	21.3	19.7	18.8	17.0
Female.....	1,000.....	994	1,262	1,240	1,448	1,548	1,495	1,533	1,660	1,637
Percent of total.....	Percent.....	16.1	15.7	15.7	16.0	15.8	15.7	15.8	16.1	16.3
Percent under 18 yr.....	Percent.....	36.1	35.5	33.5	32.2	30.4	29.4	27.1	25.0	22.8
Under 18 years.....	1,000.....	1,683	2,078	1,973	2,170	2,279	2,143	2,026	2,036	1,805
Percent of total.....	Percent.....	27.2	25.9	24.9	24.0	23.3	22.5	20.9	19.8	17.9
18-24 years.....	1,000.....	1,885	2,482	2,517	2,920	3,257	3,279	3,426	3,594	3,527
25-34 years.....	1,000.....	1,140	1,546	1,589	1,887	2,111	2,106	2,298	2,592	2,692
35-44 years.....	1,000.....	664	870	857	970	1,037	983	1,001	1,089	1,115
45-54 years.....	1,000.....	500	644	604	665	669	600	574	593	554
55 years and over.....	1,000.....	299	386	367	409	412	385	378	400	370
<b>RACE</b>										
Agencies reporting.....	Number.....	5,222	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789
Population represented.....	Million.....	124	169	173	197	207	204	208	214	186
Percent of total population <sup>1</sup> .....	Percent.....	55.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.5
Persons arrested <sup>2</sup> .....	1,000.....	5,853	7,671	7,384	8,972	9,688	9,468	9,684	10,264	10,000
White.....	1,000.....	4,112	5,539	5,337	6,429	6,793	6,849	7,146	7,482	7,070
Percent of total.....	Percent.....	70.3	72.2	72.3	71.7	70.1	72.3	73.8	72.9	70.7
Black.....	1,000.....	1,562	1,935	1,870	2,308	2,562	2,343	2,375	2,619	2,777
Other.....	1,000.....	179	197	177	235	333	276	163	163	153

<sup>1</sup> Based on resident population as of July 1.

<sup>2</sup> Represents each person arrested rather than number of charges filed against each. Through 1981, includes persons for whom age was not known, not shown separately in breakdown by age.

## No. 303. PERSONS ARRESTED BY CHARGE, SEX, AND AGE: 1978 AND 1982

[In thousands, except percent. Represents arrests reported by 7,559 agencies (reporting 12 months) with a total 1982 population of 158,051,000 as estimated by FBI. Represents persons arrested, not charges]

CHARGE	MALE		FEMALE		PERCENT UNDER 18 YEARS OLD					
	1978, total	1982		1978, total	1982		Male			
		Total	Under 18 yr.		Total	Under 18 yr.	1978	1982	1978	1982
Total persons arrested <sup>1</sup> .....	5,835.2	6,557.0	1,094.9	1,124.5	1,307.2	299.1	22.0	16.7	31.2	22.9
Serious crimes <sup>2</sup> .....	1,254.1	1,430.1	451.1	329.1	361.2	103.6	41.9	31.5	37.4	28.7
Murder.....	11.1	12.6	1.1	2.0	2.1	.1	9.2	8.4	6.1	4.7
Forcible rape.....	19.8	22.9	3.4	.2	.2	.1	15.7	14.7	34.4	24.1
Robbery.....	79.6	94.1	23.0	6.2	7.7	1.8	30.1	24.4	29.5	22.8
Aggravated assault.....	158.2	186.2	23.2	23.6	26.1	4.4	15.7	12.5	18.5	16.3
Burglary—breaking or entering.....	335.9	345.5	137.0	23.2	24.4	9.7	52.2	39.7	51.6	40.0
Larceny—theft.....	540.9	678.7	230.6	263.1	288.9	83.2	44.8	34.0	37.4	28.8
Motor vehicle theft.....	96.9	77.4	28.0	9.2	7.9	3.5	51.3	36.2	59.8	44.5
Arson.....	11.7	12.7	4.8	1.6	1.9	.6	51.8	38.2	40.6	33.5
All other:										
Other assaults.....	277.4	310.6	44.5	45.0	53.3	12.3	17.0	14.3	26.5	23.0
Forgery and counterfeiting.....	38.6	47.6	4.7	17.2	28.2	2.2	14.2	9.8	13.2	9.3
Fraud.....	110.0	125.5	3.0	75.5	96.3	1.4	3.1	2.4	1.9	1.5
Embezzlement.....	4.1	4.3	.4	1.4	1.9	.1	11.2	8.4	12.6	6.9
Stolen property <sup>4</sup> .....	70.9	83.5	21.6	9.1	11.0	2.2	34.0	25.9	26.9	20.0
Weapons (carrying, possessing).....	97.4	119.8	16.9	8.4	10.3	1.3	16.6	14.1	12.3	12.2
Prostitution and commercialized vice.....	18.4	22.6	.6	33.9	40.1	1.5	4.2	2.8	4.7	3.8
Sex offenses <sup>5</sup> .....	43.8	52.1	8.4	3.8	4.4	.6	17.8	16.1	22.1	12.7
Drug abuse violations.....	387.0	389.0	51.7	64.5	64.4	10.5	23.4	13.3	29.0	16.3
Gambling.....	30.7	20.7	.6	3.2	2.5	(z)	3.0	2.7	1.9	1.3
Offenses against family and children.....	35.6	34.7	.9	4.1	4.2	.5	4.0	2.5	21.2	12.2
Driving while intoxicated.....	858.7	1,073.7	19.3	79.9	130.1	2.5	2.3	1.8	2.6	1.9
Liquor laws.....	213.4	275.7	74.9	37.5	51.8	23.6	33.2	27.2	53.2	45.5
Drunkenness.....	896.2	842.6	25.1	71.6	77.8	4.2	3.5	3.0	6.9	5.4
Disorderly conduct.....	357.4	380.0	56.4	63.2	75.7	13.2	19.7	14.8	24.4	17.4
Vagrancy.....	19.2	19.5	2.1	4.6	3.2	.5	17.9	10.7	15.9	14.6
All other offenses, except traffic.....	867.7	1,077.4	148.0	170.3	207.2	40.0	19.9	13.7	28.1	19.3

Z Less than 50. <sup>1</sup> Includes vandalism, curfew violators and runaways. <sup>2</sup> Includes arson arrests, a newly established index offense in 1979. <sup>3</sup> Includes nonnegligent manslaughter. <sup>4</sup> Buying, receiving, possessing, possessing. <sup>5</sup> Excludes forcible rape and prostitution, shown separately.

Source of tables 302 and 303: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## Law Enforcement, Courts, and Prisons

## NO. 304. PERSONS ARRESTED, BY CHARGE, SEX, AND AGE: 1982

[Represents arrests (not charges) reported by 9,832 agencies (reporting 12 months) with a total 1982 population of 187 million as estimated by FBI]

CHARGE	Total (1,000)	PERCENT							
		Male	Under 15 yr.	Under 18 yr.	18-24 yr.	25-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over
Total arrests.....	10,062	83.7	5.5	17.9	35.1	37.8	5.5	2.8	.9
Serious crimes <sup>1</sup> .....									
Murder and nonnegligent manslaughter.....	2,152	80.3	11.7	30.9	33.5	29.7	3.3	1.7	.8
Forcible rape.....	19	86.7	1.0	8.5	34.4	46.8	5.8	3.0	1.3
Robbery.....	28	99.1	4.0	14.7	37.3	42.7	3.7	1.2	.4
Aggravated assault.....	138	92.7	6.6	26.4	42.9	28.9	1.2	.4	1
Burglary <sup>2</sup> .....	259	87.1	3.7	13.2	32.7	44.8	5.9	2.5	1.0
Larceny—theft.....	436	93.4	14.3	39.6	37.4	21.3	1.2	.4	1
Motor vehicle theft.....	1,147	70.6	13.7	32.4	30.7	29.4	3.9	2.3	1.3
Arson.....	109	91.0	8.4	36.0	37.6	23.9	1.7	.6	.2
All other:									
Other assaults.....	450	85.5	5.9	16.5	33.1	42.8	4.9	1.9	.7
Forgery and counterfeiting.....	80	67.4	1.7	9.7	38.1	47.4	3.5	1.1	.9
Fraud.....	266	59.7	2.7	7.0	27.0	57.0	6.4	2.1	.5
Embezzlement.....	7	69.7	1.3	7.8	35.0	47.7	6.7	2.3	.4
Stolen property <sup>3</sup> .....	115	88.5	7.1	24.7	38.7	32.1	3.0	1.2	.3
Vandalism.....	201	90.7	21.7	44.3	30.7	21.9	2.0	.8	.3
Weapons (carrying, etc.).....	164	92.2	3.3	13.9	34.7	42.2	5.6	2.7	1.0
Prostitution and commercialized vice.....	111	29.0	.2	2.7	53.2	39.9	2.3	1.5	.3
Sex offenses <sup>4</sup> .....	66	92.6	6.2	16.3	28.2	42.7	7.1	4.1	1.7
Drug abuse violations.....	565	86.4	2.0	13.5	46.6	37.4	1.7	.7	.1
Gambling.....	37	89.2	.4	3.5	19.7	46.1	16.2	9.8	4.8
Offenses against family and children.....	45	88.4	1.5	3.5	26.8	61.9	5.9	1.5	.4
Driving while intoxicated.....	1,405	89.3	(2)	1.8	32.5	50.1	9.5	4.7	1.4
Liquor laws.....	405	84.8	2.1	29.4	51.3	14.8	2.6	1.4	.5
Drunkenness.....	1,035	91.6	.3	3.3	29.5	46.3	11.9	6.9	2.1
Disorderly conduct.....	764	85.4	3.8	15.2	38.8	37.2	5.2	2.9	.8
Vagrancy.....	32	87.9	2.7	11.3	34.3	43.8	6.6	3.3	.8
Suspicion.....	9	85.7	9.1	28.2	37.5	29.3	3.0	1.5	.5
Curfew, loitering (juveniles).....	79	77.8	25.5	100.0	(X)	(X)	(X)	(X)	
Runaways (juveniles).....	115	41.9	43.4	100.0	(X)	(X)	(X)	(X)	
All other offenses, except traffic.....	1,959	84.8	3.9	15.8	38.2	38.8	4.5	1.9	.7

X Not applicable Z Less than .05 percent <sup>1</sup> Includes arson arrests, a newly established index offense in 1979.

<sup>2</sup> Breaking or entering. <sup>3</sup> Buying, receiving, possessing. <sup>4</sup> Excludes forcible rape and prostitution, shown separately.

## NO. 305. ARSON ARRESTS, BY SEX, AGE, AND RACE: 1973 TO 1982

[See headnote, table 302 for coverage. See also *Historical Statistics, Colonial Times to 1970*, series H 999-1011]

SEX, AGE, AND RACE	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Agencies reporting.....	Number	6,004	5,298	8,051	10,119	10,904	11,872	11,758	12,042	12,811	9,832
Population represented.....	Million	155.0	134.1	179.2	175.5	198.4	207.1	204.6	206.2	214.4	187.3
Percent of total population <sup>1</sup> .....	Percent	73.9	63.4	84.1	81.8	91.7	95.0	93.0	92.4	93.6	80.9
Persons arrested <sup>2</sup> .....	1,000	11.1	10.8	14.6	14.5	16.5	18.1	18.4	18.5	19.4	16.9
Persons arrested <sup>2</sup> .....	1,000	9.9	9.6	12.9	12.9	14.7	15.9	16.3	16.3	17.1	14.7
Percent of total.....	Percent	89.1	89.5	88.7	80.9	88.7	87.8	88.7	88.1	88.5	87.1
Percent under 18 yr.	Percent	60.3	58.4	53.2	54.2	50.9	49.8	49.9	45.1	43.5	37.6
Female.....	1,000	1.2	1.1	1.6	1.6	1.9	2.2	2.1	2.2	2.2	2.2
Percent of total.....	Percent	10.9	10.5	11.3	11.1	11.3	12.2	11.3	11.9	11.5	12.9
Percent under 18 yr.	Percent	46.5	51.2	44.0	43.4	41.1	37.7	41.7	38.0	33.9	33.9
Under 18 years.....	1,000	6.5	6.3	7.7	7.6	8.2	8.8	9.0	8.2	8.2	6.3
Percent of total.....	Percent	58.5	58.7	53.0	52.3	49.8	48.4	49.0	44.2	42.4	37.2
18-24 years.....	1,000	2.1	2.0	3.2	3.2	3.8	4.3	4.4	4.8	4.8	4.2
25-34 years.....	1,000	1.3	1.3	1.9	2.0	2.4	2.7	2.7	3.0	3.5	3.6
35-44 years.....	1,000	.7	.6	1.0	.9	1.1	1.4	1.3	1.4	1.6	1.6
45-54 years.....	1,000	.4	.4	.5	.5	.6	.7	.6	.7	.8	.7
55 years and over.....	1,000	.2	.2	.3	.3	.3	.3	.4	.4	.4	.4
Agencies reporting.....	Number	5,914	5,222	7,993	10,058	10,864	11,852	11,689	12,013	12,747	9,789
Population represented.....	Million	145.0	124.3	169.5	173.5	197.0	206.6	204.4	207.9	213.8	186.5
Percent of total population <sup>1</sup> .....	Percent	69.1	58.8	79.5	80.8	91.1	94.7	92.9	92.3	93.3	80.6
Persons arrested <sup>2</sup> .....	1,000	10.4	10.1	13.7	13.6	16.4	18.0	18.3	18.4	19.3	16.8
White.....	1,000	8.0	7.9	10.8	10.7	12.6	13.6	14.5	14.5	15.1	12.5
Black.....	1,000	2.4	2.0	2.6	2.7	3.5	3.9	3.5	3.8	4.0	4.2
Other.....	1,000	.1	.1	.1	.2	.3	.4	.3	.2	.2	.2

<sup>1</sup> Based on resident population, as of July 1. <sup>2</sup> Represents each person arrested rather than number of charges filed against each. Includes persons for whom age was not known, not shown separate in breakdown by age.

Source of tables 304 and 305: U.S. Federal Bureau of Investigation, *Crime in the United States*, annual.

## No. 306. AUTHORIZED INTERCEPTS OF COMMUNICATION—SUMMARY: 1970 TO 1982

[Data for jurisdictions with statutes authorizing or approving interception of wire or oral communication]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Jurisdictions:<sup>1</sup></b>											
With wiretap statutes.....	19	24	24	24	24	24	24	26	28	29	29
Reporting interceptions.....	12	20	19	18	21	19	20	20	22	22	22
Intercept applications authorized.....	596	864	728	701	686	626	570	553	564	589	578
Residence or apartment.....	366	558	419	455	435	410	361	393	385	403	406
Business or other.....	230	308	309	246	251	216	209	160	179	186	172
Intercept installations.....	582	812	694	676	635	601	560	533	524	562	518
Average length (days).....	22	24	23	22	23	25	24	24	24	24	26
Tap (telephone wiretap).....	538	731	633	620	581	554	510	484	475	489	448
Bug <sup>2</sup> .....	44	81	61	56	54	47	50	49	49	73	70
Federal.....	178	130	120	106	136	77	81	87	79	106	128
State.....	403	682	574	570	499	524	479	446	445	456	389
Intercepted communications, avg. <sup>3</sup> .....	656	610	850	654	662	658	738	866	1,058	848	1,082
Incriminating.....	296	304	431	305	272	268	205	252	315	190	209
Persons arrested <sup>4</sup> .....	1,874	2,306	2,162	2,234	2,180	2,191	1,825	1,717	1,871	1,735	1,725
Convictions <sup>4</sup> .....	151	409	179	336	358	372	337	368	259	248	453
Major offense specified:											
Gambling.....	325	446	381	408	378	265	241	204	199	156	150
Drugs.....	127	229	199	178	190	237	195	250	282	318	333
Homicide and assault.....	21	47	21	16	10	22	25	29	13	33	31
Larceny and theft.....	31	36	22	5	8	25	7	7	10	7	12
Bribery.....	16	25	25	21	24	17	15	4	1	7	2
Extortion, usury and loan sharking.....	17	21	14	27	17	13	14	15	9	7	6
Other.....	59	60	66	46	58	52	73	44	50	61	44

<sup>1</sup> Jurisdictions include Federal Government, States, and beginning 1975, District of Columbia. <sup>2</sup> A listening device, e.g., a microphone. Includes use of a microphone and telephone wiretap simultaneously.

<sup>3</sup> Average per authorized installation.

<sup>4</sup> Based on information received from intercepts installed in year shown.

Source: Administrative Office of the U.S. Courts, *Report on Applications for Orders Authorizing or Approving the Interception of Wire or Oral Communications*, annual.

## No. 307. CRIMINAL JUSTICE SYSTEM—PUBLIC EXPENDITURES AND EMPLOYMENT, BY LEVEL OF GOVERNMENT: 1970 TO 1979

[Expenditures are for fiscal years closing during year shown. Employment as of October. Expenditures are direct expenditures only and on cash flow basis. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 1012-1027.]

LEVEL OF GOVERNMENT AND ACTIVITY	EXPENDITURES (mil. dol.)						FULL-TIME EQUIVALENT EMPLOYMENT					
							Total <sup>1</sup> (1,000)		Rate <sup>2</sup>			
	1970	1975	1976	1977	1978	1979	1970	1975	1979	1970	1975	1979
All governments.....	8,571	17,249	19,681	21,574	24,132	26,028	775	1,051	1,178	38.0	49.3	53.5
Police.....	5,080	9,786	11,028	11,925	13,120	13,917	489	625	654	24.0	29.3	29.7
Judicial.....	1,190	2,068	2,428	2,638	3,067	3,381	96	132	156	4.7	6.2	7.1
Legal services.....	442	933	1,048	1,225	1,460	1,650	38	55	73	1.9	2.6	3.3
Public defense.....	102	280	331	404	524	597	3	6	9	2	3	4
Corrections.....	1,705	3,843	4,386	4,934	5,523	6,040	148	225	277	7.3	10.5	12.6
Federal government.....	3,978	3,189	2,450	2,779	3,122	3,379	59	96	103	2.9	3.45	4.7
Police.....	589	1,461	1,612	1,765	1,952	2,053	40	69	73	1.9	3.2	3.3
Judicial.....	129	165	219	290	321	370	7	7	8	.3	.3	.4
Legal services.....	102	177	149	186	216	266	7	7	8	.3	.3	.4
Public defense.....	56	87	104	140	209	240	(z)	(z)	(z)	(z)	(z)	(z)
Corrections.....	83	217	256	299	337	354	6	11	12	.3	.5	.6
State governments.....	2,134	4,612	5,204	5,812	6,688	7,393	172	263	329	8.5	12.4	14.9
Percent of total.....	24.9	26.7	26.4	26.9	27.7	28.4	22.2	25.0	27.9	(x)	(x)	(x)
Police.....	689	1,512	1,696	1,800	1,892	1,989	56	92	92	2.7	4.3	4.2
Judicial.....	202	498	585	651	1,013	1,199	18	26	49	.9	1.2	2.2
Legal services.....	83	216	246	297	386	431	7	12	20	.3	.6	.9
Public defense.....	9	65	70	78	98	118	1	3	4	(z)	.1	.2
Corrections.....	1,051	2,193	2,475	2,847	3,177	3,531	90	127	161	4.4	6.0	7.3
Local governments <sup>4</sup> .....	3,545	10,449	12,027	12,983	14,322	15,257	543	3,691	3,746	26.7	32.4	33.9
Percent of total.....	63.6	60.6	61.1	60.2	59.3	58.6	70.1	65.7	63.3	(x)	(x)	(x)
Police.....	3,803	6,813	7,720	8,300	9,276	9,876	394	463	489	19.3	21.7	22.2
Judicial.....	779	1,105	1,624	1,698	1,733	1,812	70	99	100	3.4	4.7	4.5
Legal services.....	257	540	651	743	859	953	25	36	45	1.2	1.7	2.1
Public defense.....	37	128	157	185	217	239	3	4	5	.1	.2	.2
Corrections.....	572	1,434	1,654	1,788	2,009	2,154	52	87	104	2.6	4.1	4.7

X Not applicable. Z Less than 500 or .05 percent. <sup>1</sup> Derived by dividing total payroll by full-time payroll and multiplying result by full-time employees. <sup>2</sup> Rate per 10,000 estimated resident population as of July 1.

<sup>3</sup> Includes others not shown separately. <sup>4</sup> Data are estimates subject to sampling variation; see Appendix III and source.

Source: 1970-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census; 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census; thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

## Law Enforcement, Courts, and Prisons

## NO. 308. STATE AND LOCAL GOVERNMENT POLICE AND CORRECTIONS EMPLOYMENT AND EXPENDITURES, 1960 TO 1979, AND BY STATES, 1979

[Employees as of October. Direct expenditures for police protection are for fiscal years ending June 30 in year stated. Local government data are estimates subject to sampling variation; see source and Appendix III.]

YEAR, REGION, DIVISION, AND STATE	EMPLOYEES (full-time equivalent) <sup>1</sup>							POLICE EXPENDITURES			Correc-tions expen-diture, State and local (mil. dol.)	
	Police protection			Corrections				State and local				
	State and local	Rate <sup>2</sup>	Local		State and local	Rate <sup>2</sup>	Local		Total (mil. dol.)	Per- cent		
			Total	Per- cent			Total	Per- cent				
1960.....	303,771	1.7	271,634	89.4	(NA)	(NA)	41,183	37.2	1,857	1,612	87	678
1965.....	348,569	1.8	308,472	88.5	110,700	.6	22,154	2,549	2,201	86	974	
1970.....	449,656	2.2	393,810	87.6	142,307	.7	51,973	38.3	4,491	3,803	85	1,624
1974.....	539,409	2.6	449,587	83.3	203,230	1.0	82,070	40.4	7,290	5,984	82	3,026
1975.....	555,849	2.6	463,404	83.4	213,813	1.0	86,880	40.6	8,326	6,813	82	3,627
1976.....	556,926	2.6	466,042	83.7	227,576	1.1	93,156	40.9	9,417	7,720	82	4,130
1977.....	573,582	2.7	479,908	83.7	243,248	1.1	97,696	40.2	10,099	6,300	82	4,635
1978.....	581,957	2.7	489,514	84.1	253,448	1.2	102,040	40.3	11,168	9,261	83	5,186
1979.....	580,448	2.6	488,853	84.2	264,868	1.2	103,849	39.2	11,664	9,876	83	5,686
<b>Regions:</b>												
Northeast.....	152,140	3.1	131,612	86.5	61,422	1.3	26,376	42.9	3,438	3,006	87	1,341
No. Central.....	142,328	2.4	122,852	86.3	58,375	1.0	22,154	38.0	2,861	2,417	84	1,250
South.....	176,108	2.5	144,555	82.1	90,701	1.3	27,703	30.5	3,044	2,421	80	1,752
West.....	109,869	2.7	89,834	81.8	54,371	1.4	27,608	50.8	2,522	2,031	81	1,343
N. Eng.....	32,913	2.7	27,319	83.3	11,566	.9	1,912	16.5	688	551	83	265
Maine.....	2,228	2.0	1,727	77.5	954	.8	228	23.9	36	25	69	16
N.H.....	2,178	2.4	1,754	80.5	794	.9	221	27.8	37	28	76	15
Vt.....	1,006	2.0	605	50.1	476	.9	1	.2	16	8	50	12
Mass.....	16,737	2.9	14,497	86.6	5,836	1.0	1,452	24.9	357	312	87	135
R.I.....	2,636	2.8	2,207	83.7	875	.9	-	49	39	80	26	
Conn.....	8,028	2.6	6,529	81.3	2,631	.8	10	.4	173	139	80	61
Mid Atl.....	119,327	3.2	104,293	87.4	49,856	1.4	24,465	49.1	2,770	2,454	89	1,076
N.Y.....	65,900	3.7	59,522	90.3	28,566	1.6	12,303	43.1	1,695	1,572	93	642
N.J.....	25,648	3.5	22,083	86.1	10,220	1.4	6,145	60.1	510	435	85	179
Pa.....	27,779	2.3	22,668	81.7	11,070	.9	6,017	54.4	565	447	79	255
E. No. Cent.....	103,762	2.5	90,438	87.2	42,485	1.0	16,190	38.1	2,160	1,859	86	925
Ohio.....	22,523	2.1	19,912	88.4	11,450	1.1	4,854	42.4	449	394	88	210
Ind.....	11,319	2.1	9,097	80.4	4,591	.8	1,670	36.4	188	141	75	86
Ill.....	36,633	3.1	31,931	89.6	11,298	1.0	4,382	38.6	748	668	89	260
Mich.....	23,087	2.5	19,391	84.0	10,775	1.2	4,201	39.0	559	464	83	273
Wis.....	11,200	2.4	10,107	90.2	4,371	.9	1,103	25.2	216	192	89	96
W. No. Cent.....	38,566	2.3	32,414	84.0	15,988	.9	5,973	37.6	700	563	80	326
Minn.....	7,813	1.9	6,608	84.6	3,642	.9	1,808	49.6	171	138	81	89
Iowa.....	5,769	2.0	4,560	79.0	2,430	.8	822	33.8	108	78	74	56
Mo.....	13,465	2.8	11,730	87.1	4,768	1.0	2,085	43.7	235	198	84	84
N. Dak.....	1,186	1.8	1,001	84.3	394	.6	135	34.3	21	18	66	7
S. Dak.....	1,400	2.0	1,109	79.2	471	.7	86	18.3	24	17	71	10
Nebr.....	3,500	2.2	2,784	79.5	1,719	1.1	441	25.7	60	45	75	37
Kans.....	5,433	2.3	4,622	85.1	2,484	.9	596	24.2	83	69	83	43
So. Atl.....	92,138	2.5	75,173	81.6	55,178	1.5	14,526	26.3	1,652	1,318	80	1,081
Del.....	6,639	2.7	890	54.3	1,048	1.8	-	.34	19	56	20	
Md.....	12,737	3.0	9,833	77.2	6,702	1.6	1,297	19.4	256	199	78	155
D.C.....	4,802	7.3	4,802	100.0	2,911	4.4	2,911	100.0	103	103	100	78
Va.....	17,799	2.2	9,928	76.5	9,458	1.8	2,628	27.9	209	158	76	168
W. Va.....	3,351	1.7	2,325	69.4	1,254	.6	337	26.9	55	34	62	21
N.C.....	12,153	2.1	9,875	81.3	8,208	1.4	1,022	12.5	196	150	77	176
S.C.....	7,010	2.3	5,030	71.8	3,842	1.2	619	16.1	107	70	65	62
Ga.....	12,486	2.3	10,405	83.3	7,262	1.3	2,152	29.6	199	158	79	126
Fla.....	26,159	2.8	22,985	87.9	14,493	1.5	3,550	24.5	493	427	87	275
E. So. Cent.....	30,002	2.1	24,433	81.4	13,572	.9	4,570	33.7	498	379	76	258
Ky.....	7,126	2.0	5,267	73.9	3,157	.9	952	30.2	133	88	66	67
Tenn.....	9,393	2.1	8,213	87.4	5,463	1.2	1,858	34.0	159	136	86	98
Ala.....	8,606	2.2	7,156	83.2	3,130	.8	1,261	40.3	135	106	79	57
Miss.....	4,877	1.9	3,797	77.9	1,822	.7	499	27.4	71	49	69	36
W. So. Cent.....	53,964	2.3	44,948	83.3	21,951	.9	8,607	39.2	896	724	81	411
Ark.....	4,233	1.9	3,333	78.7	1,670	.7	572	34.3	59	43	73	29
La.....	11,518	2.8	9,685	84.1	5,927	1.4	1,833	30.9	199	154	77	111
Okla.....	6,508	2.2	5,215	80.2	3,710	1.2	544	14.7	100	75	75	67
Tex.....	31,705	2.3	26,715	84.3	10,644	.8	6,656	53.2	538	452	84	204
Mt.....	29,930	2.7	24,499	81.9	12,361	1.1	4,433	35.9	594	468	79	281
Mont.....	1,875	2.4	1,524	81.3	873	1.1	-	221	25.3	30	23	77
Idaho.....	2,217	2.4	1,768	79.7	712	.8	190	26.7	36	26	72	
Wyo.....	1,407	3.1	1,185	84.2	472	1.0	112	23.7	25	19	76	16
Colo.....	7,487	2.6	6,482	86.6	2,677	.9	1,030	38.5	144	122	85	68
N. Mex.....	3,466	2.7	2,670	77.0	1,414	1.1	415	29.3	58	44	76	35
Ariz.....	7,665	2.9	6,078	79.3	3,537	1.3	1,514	42.8	185	144	78	74
Utah.....	3,257	2.3	2,544	78.1	1,107	.8	257	23.2	62	44	71	25
Nev.....	2,556	3.3	2,248	87.9	1,569	2.1	694	44.2	54	46	85	34
Pac.....	79,839	2.6	65,333	81.7	42,010	1.3	23,175	55.1	1,926	1,564	81	1,062
Wash.....	8,246	2.1	6,544	79.4	4,820	1.2	1,882	39.0	101	143	79	108
Oreg.....	5,953	2.3	4,751	79.8	3,240	1.3	1,299	40.1	128	98	77	83
Calif.....	61,634	2.7	50,858	82.2	32,657	1.4	19,904	60.9	1,511	1,244	82	824
Alaska.....	1,408	3.5	804	57.1	558	1.4	39	7.0	53	27	51	23
Hawaii.....	2,698	2.8	2,576	95.5	735	.8	51	6.9	53	52	98	24

- Represents zero. NA Not available. <sup>1</sup> See footnote 1, table 307. <sup>2</sup> Rate per 1,000 estimated resident population, as of July 1.

Source: 1960-1977, U.S. Law Enforcement Assistance Administration and U.S. Bureau of the Census, 1978, U.S. Bureau of Justice Statistics and U.S. Bureau of the Census: thereafter, U.S. Bureau of Justice Statistics, *Expenditure and Employment Data for the Criminal Justice System*, annual.

NO. 309. AVERAGE ANNUAL SALARY SCALES OF POLICE AND FIREFIGHTERS, BY CITY-SIZE GROUP:  
1970 TO 1980

[As of Jan. 1. Based on a study covering cities with a population of 100,000 or more]

EMPLOYEE GROUP AND YEAR	MINIMUM SCALES FOR CITIES WITH POPULATION OF—					MAXIMUM SCALES FOR CITIES WITH POPULATION OF—				
	All cities	100,000– 249,999	250,000– 499,999	500,000– 999,999	1,000,000 or more	All cities	100,000– 249,999	250,000– 499,999	500,000– 999,999	1,000,000 or more
<b>POLICE</b>										
1970 .....	\$8,448	\$7,357	\$7,926	\$7,888	\$9,300	\$10,017	\$8,648	\$9,385	\$9,616	\$10,927
1975 .....	11,180	10,068	10,734	10,681	12,054	14,007	12,256	13,028	13,567	15,299
1979 .....	14,002	12,610	13,396	13,555	15,147	17,640	15,712	16,371	17,506	19,110
1980 .....	15,159	13,521	14,590	14,741	16,412	19,066	16,970	17,827	19,044	20,566
<b>FIREFIGHTERS</b>										
1970 .....	8,041	7,103	7,685	7,786	9,253	9,482	8,349	9,098	9,293	10,828
1975 .....	10,739	9,786	10,480	10,587	11,958	13,254	11,815	12,755	13,168	15,047
1979 .....	13,446	12,348	13,066	13,231	15,062	16,829	15,274	16,003	17,033	18,863
1980 .....	14,377	13,131	14,126	14,109	16,096	18,186	16,380	17,291	18,456	20,468

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1981. Based on data from International City Management Assoc., Fraternal Order of Police, and International Association of Firefighters.

## NO. 310. LEGAL SERVICES—SELECTED DATA: 1972 AND 1977

[Excludes legal aid societies and other tax-exempt legal services]

ITEM	Unit	1972				1977			
		Total <sup>1</sup>	Sole proprietor- ships	Partners- ships	Profes- sional service organ- izations <sup>2</sup>	Total	Sole proprietor- ships	Partners- ships	Profes- sional service organ- izations <sup>3</sup>
Establishments, total.....	1,000.....	144.5	95.8	25.5	4.6	167.9	124.4	29.2	14.2
Receipts.....	Mil. dol.	10,938	2,885	5,911	1,056	18,698	4,739	10,093	3,864
Establishments with payroll.....	1,000.....	77.3	30.9	23.7	4.5	94.9	53.8	27.2	13.8
Receipts.....	Mil. dol.	9,724	1,730	5,857	1,053	17,147	3,309	9,992	3,847
Payroll (annual).....	Mil. dol.	2,318	310	1,284	527	5,217	698	2,347	2,172
Paid employees <sup>4</sup> .....	1,000.....	267.7	53.6	150.1	31.5	392.0	93.1	197.8	101.2
Operating expenses.....	Mil. dol.	4,757	783	2,613	855	10,205	1,714	5,029	3,461
Establishments <sup>5</sup> with annual receipts of—									
Under \$30,000.....	1,000.....	17.5	9.6	1.3	.2	14.2	12.6	1.1	.5
\$30,000 to \$99,999.....	1,000.....	34.6	17.1	7.7	1.0	36.5	27.2	6.6	2.7
\$100,000 to \$499,000.....	1,000.....	18.1	3.0	11.2	2.1	27.7	7.0	13.8	6.9
\$500,000 or more.....	1,000.....	2.6	.1	2.0	.4	5.5	.2	3.5	1.8

<sup>1</sup> Includes other and unknown legal forms, not shown separately. <sup>2</sup> Excludes expense-sharing associations. <sup>3</sup> Includes expense-sharing associations and other legal forms. <sup>4</sup> For week including March 12. <sup>5</sup> Establishments with payroll operating entire year.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1972 and 1977, Establishment and Firm Size* (SC 72-S-1 and SC 77-S-1), and *Legal Services* (SC 72-S-4 and SC 77-S-5).

## NO. 311. FEDERAL PROSECUTIONS OF PUBLIC CORRUPTION: 1970 TO 1982

[As of Dec. 31. Prosecution of persons who have corrupted public office in violation of Federal Criminal Statutes]

PROSECUTION STATUS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total: <sup>1</sup> Indicted.....	63	160	208	244	291	255	563	507	557	687	721	878	729
Convicted.....	44	108	142	181	217	179	380	440	409	555	552	730	671
Awaiting trial.....	-	-	5	18	5	27	199	210	205	187	213	231	186
Federal officials: Indicted.....	9	58	58	60	59	53	111	129	133	128	123	198	156
Convicted.....	9	40	42	48	51	43	101	94	91	115	131	159	147
Awaiting trial.....	-	-	4	2	1	5	1	32	42	21	16	23	38
State officials: Indicted.....	10	21	17	19	36	36	59	50	55	58	72	87	49
Convicted.....	7	16	10	17	23	18	35	38	35	56	32	51	43
Awaiting trial.....	-	-	-	-	-	5	30	33	20	30	28	36	18
Local officials: Indicted.....	26	46	106	85	130	199	194	157	171	212	247	244	257
Convicted.....	16	28	75	64	87	94	100	164	127	156	168	211	232
Awaiting trial.....	-	-	-	2	4	15	98	62	72	67	82	102	58

<sup>1</sup> Represents zero. <sup>2</sup> Includes individuals who are neither public officials nor employees but who were involved with public officials or employees in violating the law, not shown separately.

Source: U.S. Department of Justice, *Federal Prosecutions of Corrupt Public Officials, 1970-1980*, and *Report to Congress on the Activities and Operations of the Public Integrity Section* for 1982, April 1983.

## No. 312. U.S. SUPREME COURT—CASES FILED AND DISPOSITION: 1970 TO 1982

[Statutory term of court begins first Monday in October. See *Historical Statistics, Colonial Times to 1970*, series H 1063-1078, for related but not comparable data]

ACTION	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total cases on docket	4,212	4,668	4,761	4,731	4,704	4,731	4,781	5,144	5,311	5,079
Appellate cases on docket										
From prior term	1,903	2,308	2,352	2,324	2,341	2,383	2,509	2,749	2,935	2,710
Docketed during present term	325	540	431	452	472	434	425	527	522	545
Cases acted upon	1,578	1,768	1,921	1,872	1,869	1,949	2,084	2,222	2,413	2,165
Granted review	214	235	244	237	224	210	199	167	203	169
Denied, dismissed, or withdrawn	1,285	1,594	1,538	1,620	1,676	1,734	1,776	1,999	2,100	1,892
Summarily decided	114	138	118	182	79	79	75	90	114	113
Cases not acted upon	290	341	452	305	362	360	459	425	422	413
Pauper cases on docket	2,289	2,348	2,395	2,398	2,349	2,331	2,249	2,371	2,354	2,352
Cases acted upon	1,802	1,976	1,997	2,083	1,960	1,996	1,838	2,027	2,039	2,013
Granted review	41	28	28	30	24	27	32	17	7	10
Denied, dismissed, or withdrawn	1,683	1,914	1,903	2,013	1,899	1,938	1,757	1,968	2,014	1,995
Summarily decided	78	34	66	40	37	31	49	32	12	6
Cases not acted upon	487	372	398	315	389	335	411	344	315	339
Original cases on docket	20	12	14	8	14	17	23	24	22	17
Cases disposed of during term	7	4	7	2	3	-	1	7	6	3
Total cases available for argument	267	278	280	269	260	249	238	264	318	312
Cases disposed of	160	178	181	181	185	170	160	162	192	199
Cases argued	151	175	179	176	172	168	156	154	184	183
Cases dismissed or remanded without argument	9	3	2	5	13	2	4	8	8	16
Cases remaining	107	100	99	88	75	79	78	102	126	113
Cases decided by signed opinion	126	144	160	154	153	153	143	144	170	174
Cases decided by per curiam opinion	22	20	16	22	8	8	12	8	10	6
Number of signed opinions	109	123	138	126	129	130	130	123	141	151

- Represents zero. <sup>1</sup> Includes cases granted review and carried over to next term, not shown separately.

Source: Office of the Clerk, Supreme Court of the United States, unpublished data.

## No. 313. U.S. COURTS OF APPEALS: 1965 TO 1982

[For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1079-1096]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Cases commenced <sup>1</sup>	6,766	11,662	16,436	16,658	18,408	19,118	18,918	20,219	23,200	26,362	27,946
Criminal	1,223	2,660	4,067	4,187	4,650	4,738	4,487	4,102	4,405	4,377	4,767
U.S. civil	1,387	2,167	3,267	2,981	3,327	3,622	3,928	3,983	4,654	4,940	5,517
Private civil	2,677	4,834	6,157	6,511	7,077	7,358	7,234	8,237	10,200	12,074	13,267
Administrative appeals	1,106	1,522	2,205	2,290	2,515	2,564	2,382	2,922	2,950	3,801	3,118
Cases terminated <sup>1</sup>	5,771	10,699	15,422	16,000	16,426	17,784	17,714	18,928	20,887	26,066	27,984
Criminal	1,014	2,581	4,298	4,005	4,238	4,554	4,461	4,320	3,993	4,192	4,522
U.S. civil	1,229	1,912	2,791	3,094	2,853	3,198	3,437	3,857	4,346	5,021	5,508
Private civil	2,183	4,367	5,847	6,252	6,248	6,680	6,813	7,175	6,942	11,327	13,115
Administrative appeals	1,004	1,407	1,734	1,909	2,359	2,510	2,256	2,602	2,643	3,301	3,549
Cases disposed of <sup>2</sup>	3,548	6,139	8,451	9,077	9,351	11,400	8,850	9,285	10,607	12,168	12,720
Affirmed or granted	2,635	4,626	6,429	6,763	6,995	7,828	6,717	7,062	8,017	9,004	9,560
Reversed or denied	773	1,280	1,579	1,632	1,680	1,715	1,536	1,542	1,845	2,246	2,138
Other	138	233	443	682	676	1,859	597	681	745	918	1,022
Median months <sup>3</sup>	8.0	8.2	6.8	7.4	7.1	7.0	8.0	8.2	8.9	9.3	8.9

<sup>1</sup> Includes original proceedings and bankruptcy appeals not shown separately. <sup>2</sup> After hearing or submission. Beginning 1974, data not comparable with earlier years due to changes in criteria. <sup>3</sup> From filing of complete record to final disposition.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

## No. 314. U.S. DISTRICT COURTS—TRIALS: 1965 TO 1982

[For years ending June 30. A trial is defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence is introduced and final judgment sought. See footnote 1, table 316. See also *Historical Statistics, Colonial Times to 1970*, series H 1112-1118]

TYPE OF TRIAL	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total	11,485	16,032	18,572	19,236	19,580	18,827	18,851	18,563	19,825	21,239	21,397
Civil trials	7,613	9,449	10,972	11,603	11,656	11,605	11,515	11,764	13,191	14,697	14,753
Nonjury	4,459	6,078	7,403	7,903	8,098	7,792	8,326	8,348	9,254	10,047	10,074
Jury	3,154	3,371	3,569	3,700	3,558	3,813	3,189	3,416	3,937	4,650	4,679
Criminal trials	3,872	6,583	7,600	7,633	7,924	7,222	7,336	6,799	6,634	6,542	6,644
Nonjury	1,143	2,357	2,753	2,726	2,773	2,661	3,344	3,132	3,216	2,962	3,076
Jury	2,729	4,226	4,847	4,907	5,151	4,561	3,992	3,667	3,418	3,580	3,568

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

## No. 315. U.S. DISTRICT COURTS—CIVIL AND CRIMINAL CASES: 1965 TO 1982

[In thousands, except percent. For years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 1097-1111]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Civil cases: Commenced.....	67.7	87.3	103.5	117.3	130.6	130.6	138.8	154.7	168.8	180.6	206.2
Cases terminated <sup>1</sup> .....	63.1	79.5	96.7	103.8	106.3	115.5	122.2	140.0	155.0	172.9	185.5
No court action.....	29.3	31.1	35.9	39.2	41.7	45.2	45.3	60.2	68.7	72.1	81.6
Court action, total.....	33.8	48.4	60.8	64.6	66.6	70.3	77.8	79.9	86.2	100.8	103.9
Before pretrial.....	17.1	29.4	36.6	40.3	41.6	43.5	48.7	49.7	53.8	61.1	67.3
Pretrial.....	9.4	11.0	13.9	15.6	16.2	17.7	19.7	20.5	22.4	28.3	25.3
Trials.....	7.3	8.0	8.4	8.7	8.8	9.0	9.4	9.6	10.1	11.4	11.3
Percent reaching trial.....	11.6	10.0	8.7	8.4	8.1	7.8	7.6	6.9	6.5	6.6	6.1
Criminal cases: Commenced <sup>2</sup> .....	31.6	38.1	37.7	41.1	39.1	39.8	34.6	31.5	28.0	30.4	31.6
Defendants disposed of <sup>3</sup> .....	33.7	36.4	48.0	49.2	51.6	53.2	45.9	41.2	36.6	38.1	40.5
Not convicted.....	5.0	8.2	11.8	11.8	11.5	11.7	9.4	8.3	8.0	8.3	8.2
Dismissed.....	3.8	6.6	10.0	10.3	9.8	10.0	7.8	6.8	6.6	7.0	7.1
Acquited.....	1.2	1.6	1.8	1.5	1.7	1.8	1.6	1.5	1.3	1.3	1.2
Convicted.....	28.8	28.2	36.2	37.4	40.1	41.5	36.5	32.9	28.6	29.9	32.3
By guilty plea <sup>4</sup> .....	25.9	24.1	30.7	31.8	34.0	35.3	31.1	27.3	23.1	24.3	27.4
By court or jury.....	2.8	4.1	5.6	5.6	6.1	6.1	5.4	5.6	5.5	5.5	4.9
Imprisonment.....	13.7	12.4	17.2	17.3	18.5	19.6	17.4	14.6	13.2	13.7	15.9
Probation.....	10.8	11.4	15.6	17.9	18.2	16.1	14.5	13.5	11.1	12.2	12.7
Fine and other.....	4.3	4.4	2.4	2.2	3.4	5.8	4.6	4.9	4.4	4.0	3.7

<sup>1</sup> Excludes land condemnation cases. <sup>2</sup> Excludes transfers. <sup>3</sup> Excludes D.C., Canal Zone, Guam, and Virgin Islands, except that defendants disposed of includes D.C. beginning 1973; Canal Zone, Guam, and Virgin Islands beginning 1976; and N. Marianas beginning 1976. <sup>4</sup> Includes nolo contendere.

## No. 316. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED AND TERMINATED: 1982

[For year ending June 30]

NATURE OF SUIT	Cases commenced	Cases terminated	No court action	Total court action	Before pretrial	Pretrial	Trials, total <sup>1</sup>	Percent reaching trial
Total.....	206,193	189,473	82,547	106,926	69,356	25,425	12,145	6.4
U.S. cases <sup>2</sup> .....	75,773	72,249	39,813	32,436	26,906	3,030	2,500	3.5
Contract actions.....	34,958	31,368	25,537	5,831	5,306	402	123	.4
Real property actions.....	5,349	7,998	3,128	4,870	3,634	333	903	11.3
Tort actions.....	2,973	3,154	1,270	1,884	892	592	410	13.0
Actions under statutes.....	32,477	21,334	6,068	15,266	13,703	994	569	2.7
Private cases <sup>3</sup> .....	130,420	117,224	42,734	74,490	42,450	22,395	9,645	8.2
Federal question.....	79,197	72,680	24,248	48,432	31,379	11,567	5,186	7.1
Diversity of citizenship <sup>4</sup> .....	50,555	43,869	17,998	25,871	10,972	10,386	4,413	10.1
Contract actions.....	25,423	22,457	10,109	12,348	5,872	4,508	1,968	8.8
Tort actions.....	22,691	19,085	6,801	12,284	4,279	5,701	2,304	12.1

<sup>1</sup> Indicates the number of cases terminated where there was a trial. Table 314 indicates the number of civil trials that were completed. The cases themselves may not have been terminated. <sup>2</sup> Includes prisoner petitions, land condemnations and deportations not shown separately. <sup>3</sup> Includes local jurisdiction cases and other actions not shown separately. <sup>4</sup> Includes real property actions not shown separately.

## No. 317. U.S. DISTRICT COURTS—CRIMINAL CASES COMMENCED AND DEFENDANTS DISPOSED OF, BY NATURE OF OFFENSE: 1981 AND 1982

[For years ending June 30]

NATURE OF OFFENSE	1981		1982, cases commenced <sup>1</sup>	DISPOSITION OF DEFENDANTS, 1982							
	Cases commenced <sup>1</sup>	Defendants disposed of		Not convicted		Convicted			Sentenced		
				Total	Acquited	Total	Guilty plea	By court or jury	Imprisonment		
Total <sup>2</sup> .....	30,355	38,127	31,623	8,214	1,163	32,252	27,392	4,860	15,857	12,723	3,672
General offenses:											
Homicide.....	186	168	151	42	13	130	79	51	89	14	27
Robbery.....	1,415	1,514	1,427	219	50	1,526	1,195	331	1,431	91	4
Assault.....	559	630	579	195	45	411	326	85	271	121	19
Burglary.....	125	143	143	33	2	141	111	30	100	40	1
Larceny—theft.....	3,030	3,753	2,887	688	97	2,869	2,597	272	1,265	1,434	170
Embezzlement and fraud.....	6,580	7,631	6,781	1,175	224	6,801	5,922	879	2,700	3,911	180
Auto theft.....	350	543	369	90	9	429	362	67	306	120	3
Forgery, counterfeiting.....	1,810	2,102	2,128	371	43	1,909	1,724	185	1,075	825	9
Sex offenses.....	152	156	135	36	6	107	71	36	81	19	7
DAPCA <sup>3</sup> .....	3,697	7,008	4,193	1,645	285	6,336	4,798	1,538	4,566	1,617	133
Misc. general offenses.....	9,418	8,995	6,757	2,596	248	6,591	5,707	884	2,177	1,942	2,472

<sup>1</sup> Excludes transfers. <sup>2</sup> Includes items not shown separately. <sup>3</sup> All marijuana, narcotics and controlled substances prosecutions under the Drug Abuse, Prevention and Control Act.

Source of tables 315-317: Administrative Office of the U.S. Courts, *Annual Report of the Director*.

## Law Enforcement, Courts, and Prisons

## No. 318. STATE COURTS OF GENERAL JURISDICTION—CASES, COURTS, AND JUDGES: 1978

[For further detail regarding volume and flow of cases through the State Court Systems, refer to Parts I and II of the publication cited below, which contain text, summary tables and individual profiles for all reported data, respectively: Illinois, Iowa, South Dakota, Idaho, and Washington, D.C. have a single-tier trial court which processes cases handled in both general and limited jurisdiction courts in other States]

DIVISION AND STATE	Beginning pending (1,000)	FILED (1,000)				Disposed (1,000)	Ending pending (1,000)	COURTS		Number of judges
		Total	Civil	Criminal	Traffic			Number	Districts or circuits	
New Eng.: Maine	1 2 10.6	2 15.7	8.0	5.4	2 2.2	(X)	14.2	1 2 11.6	1	16 14
N.H.	25.1	26.6	19.5	7.1	(X)	(X)	25.5	26.2	1	10 15
Vt.	7.2	7.0	6.9	—	(X)	(X)	6.8	7.3	1	14 8
Mass.	125.9	(NA)	(NA)	(NA)	(X)	(X)	(NA)	123.3	1	14 46
R.I.	(NA)	10.0	6.8	3.2	(X)	(X)	(NA)	(NA)	1	4 17
Conn.	38.1	32.0	28.1	3.9	(X)	(X)	28.3	41.8	1	9 45
Middle Atl.: N.Y.	3 75.3	96.2	64.7	31.5	(X)	(X)	97.3	3 74.8	2	58 361
N.J.	93.4	101.4	74.3	27.1	(X)	(X)	96.2	98.6	2	21 206
Pa.	96.6	296.0	186.1	72.6	(X)	37.4	287.2	101.3	1	59 309
E. No. Cent.: Ohio	1 179.8	496.9	254.8	31.6	(X)	210.5	484.4	4 188.8	1	88 314
Ind.	2 254.9	2 346.0	201.0	44.1	2 83.9	17.0	2 321.5	2 277.4	3	131 171
Ill.	5 532.3	6 7,633.9	689.7	518.0	6,397.1	29.2	6 209.3	5 564.0	1	21 642
Mich.	7 8 61.0	7 8 199.4	1 115.5	1 8 17.7	(NA)	(X)	7 8 197.6	7 8 61.9	3	50 161
Wis.	2 9 192.9	2 341.5	188.4	43.0	2 82.6	27.6	2 301.1	2 9 232.9	2	26 181
W. No. Cent.: Minn.	10 10.9	10 27.1	16.5	10.7	(X)	(NA)	10 28.1	10 10.0	1	10 72
Iowa	2 11 129.8	2 517.7	143.8	177.0	2 190.7	6.2	2 11 481.6	2 11 156.8	1	8 322
Mo.	87.4	117.2	79.8	19.0	(X)	18.6	113.7	90.8	2	45 116
N. Dak.	2 12 5.0	2 17.3	10.0	1.1	2 .5	5.7	2 17.8	2 12 5.6	1	7 19
S. Dak.	(NA)	1 8 7.2	1 4 4.5	(NA)	(NA)	1 8 2.7	1 8 139.3	(NA)	1	8 145
Nebr.	10.8	27.4	21.3	6.2	(X)	(X)	27.0	11.3	1	21 45
Kans.	14 39.5	2 14 410.4	14 92.1	25.2	2 267.1	26.0	2 14 360.4	14 43.2	1	29 210
So. Atl.: Del.	12.5	10.0	6.7	3.3	(X)	(X)	9.5	13.0	2	6 14
Md.	15 103.7	133.2	74.7	36.1	(X)	22.4	117.8	15 118.6	1	29 90
D.C.	2 16 33.4	2 246.4	158.3	28.3	2 53.4	6.4	2 16 246.9	2 16 32.9	1	1 44
Va.	105.1	125.1	72.0	53.1	(X)	(X)	115.2	114.9	1	31 107
W. Va.	53.5	54.1	37.0	10.9	(X)	6.1	47.3	60.3	1	31 57
N.C.	98.8	124.5	71.2	53.3	(X)	(X)	119.8	103.5	1	32 66
S.C.	1 16 26.2	1 18 58.6	28.3	1 18 30.3	(X)	(X)	1 18 58.8	1 18 26.0	1	16 25
Ga.	133.2	165.5	110.7	42.0	12.8	(X)	156.5	142.5	1	42 101
Fla.	(NA)	1 19 435.0	262.4	95.8	(X)	1 19 76.7	1 19 397.4	(NA)	1	20 292
E. So. Cent.: Ky.	(NA)	65.0	54.8	10.1	(X)	(X)	60.8	(NA)	1	56 87
Tenn.	2 96.9	2 117.4	85.9	26.1	2 3.4	(X)	110.0	2 104.3	4	70 116
Ala.	(NA)	111.1	70.5	23.3	(X)	17.3	109.1	(NA)	1	38 112
Miss.	(NA)	20 65.5	57.4	20 8.1	(X)	(X)	(NA)	(NA)	2	40 66
W. So. Cent.: Ark.	21 22 65.8	22 81.6	67.3	22 14.3	(X)	(X)	21 22 69.8	71.7	2	37 56
La.	(NA)	370.5	141.0	229.5	(X)	(X)	(NA)	(NA)	1	40 134
Okla.	2 23 267.9	2 456.7	181.0	59.3	2 209.1	8.1	2 479.2	2 23 246.1	1	25 189
Tex.	2 4 388.0	2 4 394.7	2 1 296.1	24 86.2	(X)	24 12.3	24 377.3	2 4 405.4	2	299 309
Mt.: Mont.	(NA)	29.3	25.1	2.8	(X)	1.4	23.5	(NA)	1	19 29
Idaho	2 40.0	2 298.7	48.2	29.2	2 213.4	7.9	2 291.6	2 47.1	1	7 96
Wyo.	2 4 4.4	14.0	11.6	1.4	(X)	1.0	2 5 10.5	2 4 4.7	1	9 15
Colo.	92.1	125.0	93.2	15.0	(X)	16.8	8 115.2	102.0	5	29 105
N. Mex.	26.4	49.3	40.6	4.9	(X)	3.8	46.3	29.4	1	13 39
Ariz.	2 6 82.7	2 6 94.8	76.9	14.0	(X)	2 6 1.2	2 6 89.5	2 6 88.7	1	14 76
Utah.	23.5	32.0	28.5	3.4	(X)	(X)	27.6	27.7	1	7 24
Nev.	(NA)	27 11.4	27 9.0	27 1.6	(X)	27.7	(NA)	(NA)	1	9 25
Pac. Wash.	(NA)	135.6	103.9	14.3	(X)	17.4	2 19 97.9	(NA)	1	28 111
Oreg.	2 9 46.6	91.3	60.7	16.1	(X)	14.5	2 19 67.1	2 19 50.5	2	21 76
Calif.	(NA)	726.7	563.4	58.1	(X)	105.2	599.1	(NA)	1	58 551
Alaska.	30 12.5	13.9	11.4	1.2	(X)	1.3	12.5	2 19 13.4	1	4 20
Hawaii	30.2	32.6	22.7	2.1	—	7.8	29.4	33.5	3	6 23

— Represents or rounds to zero. NA Not available. X Not applicable. <sup>1</sup> Excludes support/custody cases. <sup>2</sup> Excludes parking cases. <sup>3</sup> No pending data were available for criminal "indictments—outside New York City." <sup>4</sup> No pending data were available for civil wrong death, adoption, birth records, estate minor's settlement, mental health, or name change cases.

<sup>5</sup> Excludes civil estate cases, criminal misdemeanors from non-suburban Cook County, or any traffic data. <sup>6</sup> Includes parking cases. <sup>7</sup> No data were available for one Circuit Court location. Six other Circuit Court locations reported only total filing and disposition figures; and did not report figures for civil, criminal, traffic, and juvenile or the pending figures. <sup>8</sup> Data were not available for all courts in the State. <sup>9</sup> Excludes juvenile traffic cases. <sup>10</sup> Excludes juvenile data. <sup>11</sup> Excludes domestic relations, estate, and juvenile cases. No disposition data were available for guardianship/conservatorship/trusteeship cases.

<sup>12</sup> Excludes juvenile cases and juvenile traffic offenses. <sup>13</sup> The only civil filing data available were for estate cases. Juvenile filings do not include other juvenile cases. Disposition figure excludes juvenile criminal type offense and juvenile status offense cases. Excludes cases heard by the lawyer magistrates and lay magistrate/clerks.

<sup>14</sup> Pending figures exclude small claims, adoption, mental health, estate, traffic, or juvenile data. Filing figures exclude other estate cases. Disposed figures exclude small claims, adoption, mental health, or total juvenile data. <sup>15</sup> Excludes sentence review only cases or adult offenses against juveniles cases. <sup>16</sup> Pending data exclude estate cases. <sup>17</sup> Includes estate and special proceeding cases disposed by the clerks of the Superior Court. <sup>18</sup> Criminal and total figures include criminal cases disposed in the South Carolina County Court and Civil and Criminal Court, both of which are courts of limited jurisdiction. <sup>19</sup> No data were available for juvenile status offense cases. <sup>20</sup> Excludes two months of data for one Circuit Court location, and three months of data for one Chancery Court location. No juvenile data were available for the Chancery Court. <sup>21</sup> Pending and disposed data for adoption, guardianship/conservatorship/trusteeship, other estate, and mental health cases were not available for the Chancery and Probate Courts and are not included in the total. <sup>22</sup> Includes a nominal level of juvenile cases and juvenile appeals. <sup>23</sup> Excludes criminal postconviction remedy cases. <sup>24</sup> Represents a less than complete number of monthly statistical reports; the reporting rate was ninety-eight percent. <sup>25</sup> Excludes estate juvenile cases. <sup>26</sup> Civil figures adoption data for Maricopa County. Mental health pending and filing figures were not available. Juvenile data were not available for Maricopa or Yuma counties. <sup>27</sup> Second District only (Washeo County). Approximately twenty-five percent of the total State population lives in this district. <sup>28</sup> No disposition data were available for mental health, or juvenile cases. <sup>29</sup> No Circuit Court data were available for adoption, mental health, or juvenile cases. <sup>30</sup> Criminal pending data were available for felony cases only. No juvenile pending data were available.

## No. 319. STATE COURTS OF GENERAL AND LIMITED JURISDICTION: 1981

[In thousands except percent. The 1977 data were drawn from *State Court Caseload Statistics: Annual Report, 1977*, by the National Center for State Courts. Data for current caseload estimates were collected through a special survey, conducted in August 1982, of State Court Administrative Offices. In most States the data are reported for either fiscal year 1981-82 or calendar year, 1981. 1977 includes Guam and Puerto Rico, 1981 excludes them. Minus sign (-) denotes decreases. See source for limitations on use of data]

DIVISION AND STATE	Total cases filed	CIVIL		CRIMINAL		Juvenile	Traffic
		Total	Percent change 1977-81	Total	Percent change 1977-81		
U.S.	80,247	13,347	22.1	11,998	31.5	1,475	55,163
New Eng.: Maine <sup>1</sup>	256	58	22.3	96	-1.2	13	88
N.H.	314	65	10.1	39	5.9	7	202
Vt.	129	25	20.7	17	-8.1	2	86
Mass. <sup>1</sup>	4,486	466	2 <sup>a</sup> 13.3	658	2 <sup>a</sup> 131.9	119	3,244
R.I. <sup>1</sup>	(NA)	40	2 <sup>a</sup> -1.0	39	2 <sup>a</sup> 17.0	7	(NA)
Conn.	639	212	2.3	110	20.1	14	303
Mid. Atl.: N.Y. <sup>1</sup>	2,500	739	2 <sup>a</sup> 16.0	1,209	2 <sup>a</sup> 41.4	37	460
N.J.	(NA)	573	2 <sup>a</sup> 23.1	32	2 <sup>a</sup> 17.1	110	(NA)
Pa.	5,849	515	24.9	745	30.5	48	4,540
E. No. Cent.: Ohio <sup>1</sup>	2,826	619	6.1	406	25.5	203	3,598
Ind.	914	388	40.4	145	18.2	26	354
Ill.	3,7974	647	4.2	712	38.0	33	3,6582
Mich. <sup>1</sup>	2,138	264	2 <sup>a</sup> 58.4	538	2 <sup>a</sup> 15.4	22	3,134
Wis.	748	327	(1)	162	(1)	28	231
W. No. Cent.: Minn.	1,859	251	(1)	115	(1)	45	3,144
Iowa	914	123	22.7	114	-14.4	8	661
Mo.	1,040	221	(1)	148	(1)	15	656
N. Dak.	168	26	30.7	22	15.7	1	120
S. Dak.	(NA)	36	(1)	136	(1)	(NA)	(NA)
Nebr.	447	81	2 <sup>a</sup> 2.6	174	2 <sup>a</sup> 6.1	3	189
Kans.	435	118	24.0	30	19.4	11	276
So. Atl.: Del.	245	50	24.3	57	18.6	10	128
Md. <sup>1</sup>	1,439	591	251.2	172	2 <sup>a</sup> 10.9	30	3,646
D.C.	198	146	5 <sup>a</sup> -9.3	37	28.0	5	10
Va.	2,318	771	63.7	399	21.0	133	3,1014
W. Va. <sup>1</sup>	329	90	2 <sup>a</sup> 3.4	117	2 <sup>a</sup> -26.7	8	3115
N.C.	1,564	379	12.9	488	17.9	20	677
S.C.	1,078	182	2 <sup>a</sup> 4.9	470	2 <sup>a</sup> 127.1	10	416
Ga. <sup>1</sup>	798	257	2 <sup>a</sup> 17.3	45	2 <sup>a</sup> 20.8	34	361
Fla.	3,403	554	0 <sup>a</sup> 17.1	448	2 <sup>a</sup> 26.4	114	2,298
E. So. Cent.: Ky.	716	187	(1)	217	(1)	36	275
Tenn.	(NA)	95	(1)	37	(1)	(NA)	(NA)
Ala. <sup>1</sup>	631	216	2 <sup>a</sup> 16.0	140	2 <sup>a</sup> 15.4	47	228
Miss.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
W. So. Cent.: Ark.	740	99	11.7	147	12.6	14	479
La. <sup>1</sup>	1,273	239	21.9	7537	54.9	30	468
Oklahoma <sup>1</sup>	484	208	(1)	(NA)	(1)	8	(NA)
Tex.	6,234	679	23.4	1,317	21.8	12	4,227
Mt.: Mont. <sup>1</sup>	(NA)	7	(1)	1	(1)	1	(NA)
Idaho	303	52	15.5	33	12.6	8	3210
Wyo. <sup>1</sup>	(NA)	12	-1.0	2	26.2	1	(NA)
Colo. <sup>1</sup>	470	203	31.1	60	41.5	26	182
N. Mex. <sup>1</sup>	3,522	66	2 <sup>a</sup> 5.8	69	2 <sup>a</sup> 46.5	4	382
Ariz.	1,441	139	2 <sup>a</sup> 19.1	148	2 <sup>a</sup> 24.2	1	1,153
Utah <sup>1</sup>	610	93	46.9	37	16.1	35	444
Nev.	363	82	(1)	53	(1)	3	226
Pac.: Wash.	2,064	218	27.9	171	29.7	24	3,1650
Oreg.	(NA)	155	26.1	150	78.0	(NA)	672
Calif.	18,266	1,640	25.1	924	16.0	102	3,15,600
Alaska	141	31	48.9	22	10.3	1	87
Hawaii	3981	47	40.8	53	30.0	9	3,872

NA Not available.

<sup>1</sup> These States represent virtually all cases filed in general jurisdiction courts and 70-80 percent of cases filed in limited jurisdiction courts; courts shown reported no data: Ala.-probate and municipal courts; Colo.-municipal court; Ga.-justice of the peace, small claims, municipal, magistrate, civil, criminal, recorder's, mayor's, city council, and police courts; Kans.-municipal court; La.-justice of the peace and mayor's courts; Maine-probate court; Md.-orphan's court; Mass.-probate and family court department; Mich.-court of claims, Common Pleas Court of Detroit, and municipal and probate courts; Mont.-justice of the peace, city, and municipal courts; Neb.-separate juvenile court, workmen's compensation court; N.J.-surrogate's and municipal courts; N. Mex.-municipal and probate courts; N.Y.-town and village justice courts; Ohio-mayor's court; Okla.-municipal court; R.I.-municipal and probate courts; Tenn.-county, general sessions, probate, juvenile, trial justice, and municipal courts; Utah-juvenile and justice of the peace courts; W. Va.-municipal court; Wyo.-county, justice of the peace, and municipal courts.

<sup>2</sup> Some courts reported data in one reporting year but not in the other; only data from the courts listed were used in the following States: Ala.-Circuit and district courts; Ariz.-Superior court; Colo.-all trial courts except municipal and water courts; Ga.-Superior, State, and probate courts (criminal only); La.-all trial courts except the justice of the peace and mayor's courts; Maine-Superior and district courts (civil only); Md.-Circuit and district courts; Mass.-all trial courts except the probate and family court department; Mich.-Circuit court (except for 1st Circuit) and 90 of 98 locations of the district court; Neb.-District, county, and municipal courts; N.J.-Superior, county, district (civil only), tax (1981 only), and juvenile and domestic relations courts; N. Mex.-District and magistrate courts; N.Y.-all trial courts except the town and village justice courts. Town and village courts hear about 2 million cases a year; R.I.-Superior, district, family courts; S.C.-Circuit, family, and magistrate courts; W. Va.-Circuit court; Wyo.-District court. <sup>3</sup> Parking tickets included in the traffic caseload. <sup>4</sup> Data submitted from these States but could not be used because of problems with comparability: Ky., Minn., Mo., Mont., Nev., Okla., S. Dak., Tenn., and Wis. <sup>5</sup> 17,173 cases of the overall decrease (-9.3%) in the civil caseload of the District of Columbia are due entirely to a decrease in small claims and landlord/tenant matters (courts of limited jurisdiction). The remainder of the civil caseload shows an increase of 13%. <sup>6</sup> 1977 data cover only an 11-month period for Fla.; the total was not adjusted for this. <sup>7</sup> Traffic filings could not be completely separated from criminal and juvenile filings in La.

Source: U.S. Bureau of Justice Statistics, Special Report, *State Court Caseload Statistics, 1977 to 1981*, February 1983, NCJ-87587.

## Law Enforcement, Courts, and Prisons

## NO. 320. ADULTS UNDER CORRECTIONAL SUPERVISION, 1979 TO 1981, AND BY STATE, 1981

[As of Dec. 31, except as noted. Excludes juveniles, persons incarcerated in mental health institutions in lieu of prison, persons held by the armed services, persons held on Indian reservations, parolees under county jurisdiction, parolees whose sentences were for 1 year or less, and court probationers (those not placed under the supervisory authority of a probation agency). For composition of regions, see fig. I, inside front cover.]

YEAR, REGION, DIVISION, AND STATE	Resident population <sup>1</sup> (1,000)	PERSONS UNDER CORRECTIONAL SUPERVISION					RATE PER 10,000 ADULT RESIDENTS				
		Total	Jail <sup>2</sup>	Prison <sup>3</sup>	Parole <sup>4</sup>	Probation <sup>5</sup>	Total	Jail <sup>2</sup>	Prison <sup>3</sup>	Parole <sup>4</sup>	Probation <sup>5</sup>
1979 .....	157,529	1,778,639	179,000	314,457	217,697	1,067,485	113	11	20	14	68
1980 .....	162,762	1,880,386	191,000	329,821	222,036	1,137,529	115	12	20	14	70
1981, U.S. total <sup>6</sup> .....	166,147	2,040,245	203,000	368,772	226,174	1,242,299	123	12	22	14	75
Regions:											
Northeast.....	36,547	347,199	24,129	53,397	46,096	223,577	95	7	15	13	61
No. Central.....	42,334	370,818	27,937	72,348	36,739	233,794	88	7	17	9	55
South.....	55,308	795,616	66,775	159,712	81,775	487,354	144	12	29	15	88
West.....	31,958	386,968	37,942	55,182	40,222	253,623	121	12	17	13	79
New Eng.....	9,243	87,149	2,998	11,422	6,787	65,942	94	3	12	7	71
Maine.....	818	4,493	319	992	204	2,978	55	4	12	2	36
N.H.....	680	3,097	362	398	479	1,858	46	5	6	7	27
Vt.....	373	4,205	-	534	271	3,400	113	-	14	7	91
Mass.....	4,323	36,824	2,317	3,889	3,405	27,213	85	5	9	8	83
R.I.....	716	6,921	-	982	244	5,715	97	-	13	3	80
Conn.....	2,333	31,609	-	4,647	2,184	24,778	135	-	20	9	106
Mld. Atl.....	27,305	260,050	21,131	41,975	39,309	157,635	95	8	15	14	58
N.Y.....	13,021	125,002	10,852	25,599	19,865	68,686	96	8	20	15	53
N.J.....	5,462	55,916	3,873	7,011	9,706	35,326	102	7	13	18	65
Pa.....	8,822	73,132	6,406	9,365	9,738	53,623	90	7	11	11	61
E. No. Cent.....	29,867	267,229	21,008	55,769	28,308	182,144	89	7	19	9	54
Ohio.....	7,757	56,816	3,377	14,968	8,471	28,000	73	7	19	11	36
Ind.....	3,893	33,882	2,901	8,022	2,155	21,404	87	6	21	6	55
Ill.....	8,270	93,130	5,758	13,206	8,244	65,922	113	7	16	10	80
Mich.....	6,539	54,201	5,708	15,157	6,585	26,751	83	9	23	10	41
Wis.....	3,408	29,200	1,864	4,416	2,053	20,067	86	5	13	8	59
W. No. Cent.....	12,467	103,589	6,929	16,579	8,431	71,650	83	6	13	7	57
Minn.....	2,949	22,181	1,504	2,024	1,533	17,000	75	5	7	6	58
Iowa.....	2,083	13,959	654	2,670	785	9,850	67	3	13	4	47
Mo.....	3,601	31,458	2,829	6,489	2,970	19,170	87	8	18	8	53
N. Dak.....	468	1,624	117	280	129	1,098	35	3	6	3	23
S. Dak.....	484	6,205	253	693	259	5,000	128	5	14	5	103
Nebr.....	1,134	10,316	638	1,653	255	7,770	91	6	15	2	69
Kans.....	1,738	17,866	934	2,770	2,400	11,762	103	5	16	14	68
So. Atl.....	27,680	415,715	33,707	85,841	35,612	260,555	150	12	31	13	94
Def.....	436	6,229	-	1,712	624	3,893	143	-	39	14	89
Md.....	3,121	67,088	3,553	9,335	6,132	48,066	215	11	30	20	154
D.C.....	492	15,345	1,407	3,479	3,281	7,178	312	29	71	67	146
Va.....	3,977	31,781	4,077	9,388	5,637	12,679	80	10	24	14	32
W. Va.....	1,490	5,939	1,044	1,565	485	2,845	42	7	11	3	20
N.C.....	4,320	63,804	2,766	15,791	6,875	38,372	148	6	37	16	89
S.C.....	2,235	33,342	2,328	8,538	3,306	19,170	149	10	38	15	86
Ga.....	3,930	86,915	8,269	12,444	2,652	63,550	221	21	32	7	162
Fla.....	7,769	105,272	10,263	23,589	6,620	64,800	136	13	30	9	83
E. So. Cent.....	10,438	97,701	13,967	24,345	17,371	42,018	94	13	23	17	40
Ky.....	2,602	28,352	2,089	4,167	8,996	13,100	109	8	16	35	50
Tenn.....	3,336	25,899	4,492	7,897	3,280	10,230	79	13	24	10	31
Ala.....	2,772	28,065	5,027	7,657	2,361	13,020	101	18	28	9	47
Miss.....	1,728	15,385	2,359	4,624	2,734	5,668	89	14	27	16	33
W. So. Cent.....	17,190	282,200	19,101	49,526	28,792	184,781	164	11	29	17	107
Ark.....	1,634	11,323	1,277	3,328	2,918	3,800	69	8	20	18	23
La.....	2,965	32,425	5,217	9,415	1,913	15,880	109	18	32	6	54
Oklahoma.....	2,235	22,546	1,676	5,281	2,299	13,290	101	7	24	10	59
Tex.....	10,356	215,806	10,931	31,502	21,662	151,811	208	11	30	21	147
Mt.....	8,185	79,155	7,514	15,123	6,697	49,821	97	9	18	8	61
Mont.....	563	4,146	304	831	642	2,369	74	5	15	11	42
Idaho.....	650	3,917	498	957	396	2,066	60	8	15	6	32
Wyo.....	340	2,166	244	587	205	1,130	64	7	17	6	33
Colo.....	2,153	18,945	1,658	2,772	1,096	13,419	86	8	13	5	62
N. Mex.....	910	6,876	755	1,497	1,094	3,530	76	8	16	12	39
Ariz.....	1,993	23,316	2,484	5,223	1,319	14,290	117	12	26	7	72
Utah.....	954	9,934	675	1,140	773	7,346	104	7	12	8	77
Nev.....	622	9,855	896	2,116	1,172	5,671	158	14	34	19	91
Pac.....	23,773	307,814	30,428	40,058	33,525	203,802	129	13	17	14	86
Wash.....	3,074	53,624	2,437	5,336	15,102	30,759	174	8	17	49	100
Oreg.....	1,933	21,083	1,856	3,295	1,751	14,192	109	10	17	9	73
Calif.....	17,784	223,936	26,093	29,202	16,080	152,563	126	15	16	9	86
Alaska.....	279	2,477	43	1,019	101	1,314	89	2	37	4	47
Hawaii.....	703	6,672	-	1,207	491	4,974	95	-	17	7	71

- Represents zero. <sup>1</sup> 18 years and over; 1979 and 1981, as of July 1; 1980, as of April 1. <sup>2</sup> The total year-end adult jail populations were estimated using a straight line interpolation from February 15, 1978, to June 30, 1982 (207,853). The most recently collected State data are for February 15, 1978. Includes both convicted and unconvicted adults held in locally operated jails. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont had integrated jail/prison systems; the total incarcerated population appears as the prison population. <sup>3</sup> Includes all inmates of Federal and State institutions. Data from Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31, 1981*, Table 1. <sup>4</sup> Includes all adults under Federal or State parole supervision, whether released from prison via parole board decision or mandatory release, who were sentenced to more than 1 year in prison. <sup>5</sup> Includes all adults who, as part of a Federal, State, or local court order, have been placed under the supervisory authority of a probation agency. <sup>6</sup> Includes both State and Federal.

Source: National Council on Crime and Delinquency, *Parole in the United States: 1980 and 1981* and *Probation in the United States: 1980 and 1981*.

**NO. 321. JUVENILES HELD IN CUSTODY—PUBLIC AND PRIVATE JUVENILE RESIDENTS AND FACILITIES: 1975 TO 1979**

[1975 as of June 30; 1977 and 1979 as of Dec. 31]

CHARACTERISTIC	Unit	PUBLIC CUSTODY			PRIVATE CUSTODY		
		1975	1977	1979	1975	1977	1979
Number of residents <sup>1</sup> .....	Number.....	49,126	45,920	45,396	27,450	29,377	28,717
Juvenile .....	Number.....	46,980	<sup>2</sup> 44,096	<sup>2</sup> 43,234	27,290	<sup>2</sup> 29,070	<sup>2</sup> 28,688
Male.....	Number.....	37,926	36,921	37,167	19,152	20,387	20,512
Female.....	Number.....	9,054	7,175	6,067	8,138	8,683	8,176
White.....	Number.....	27,863	26,053	(NA)	21,917	21,654	
Black.....	Number.....	(NA)	14,865	13,752	(NA)	6,005	5,843
Average age <sup>3</sup> .....	Year .....	15.3	15.3	(NA)	14.9	14.9	
Male.....	Year .....	15.3	15.4	15.5	15.3	14.8	14.9
Female.....	Year .....	15.0	15.1	15.1	15.4	15.0	15.0
Number of admissions (all residents) <sup>4</sup> .....	Number.....	641,188	614,385	568,802	56,708	67,045	69,507
Number of departures (all residents) <sup>4</sup> .....	Number.....	632,983	622,151	560,751	50,986	61,571	64,574
Average daily residents <sup>4</sup> .....	Number.....	48,794	48,032	47,803	26,740	29,611	28,566
Facilities, total .....	Number.....	874	992	1,015	1,277	1,800	1,561
Short-term <sup>5</sup> .....	Number.....	387	448	484	66	126	75
Long-term <sup>5</sup> .....	Number.....	487	544	551	1,211	1,474	1,466
Occupancy less than 70 percent.....	Percent.....	36	32	34	21	20	22
70–100 percent.....	Percent.....	51	59	56	79	78	76
More than 100 percent.....	Percent.....	13	9	10	2	2	2
Personnel, total .....	Number.....	52,534	61,060	61,108	<sup>7</sup> 27,651	<sup>7</sup> 30,918	<sup>7</sup> 32,921
Full-time.....	Number.....	41,156	43,322	44,350	(NA)	22,381	23,538
Juveniles per full-time staff member.....	Number.....	1.1	1.0	1.0	(NA)	1.3	1.2
Expenditures.....	Mil. dol. ....	594.1	707.7	842.5	273.6	384.3	465.2
Capital.....	Mil. dol. ....	34.6	29.4	53.3	19.2	21.0	25.9
Operating.....	Mil. dol. ....	559.6	678.4	789.2	254.5	363.3	439.3
Per capita operating cost <sup>6</sup> .....	\$1,000.....	11.5	14.1	16.5	9.5	12.3	15.4

NA Not available. <sup>1</sup> Includes adults. <sup>2</sup> Includes races not reported and races not shown. <sup>3</sup> Based on juvenile residents only. <sup>4</sup> Juvenile and adult. <sup>5</sup> Detention type facility mainly holding youths prior to adjudication and placement for treatment. <sup>6</sup> Treatment or correctional type facility housing committed youths following adjudication. <sup>7</sup> Includes community volunteers.

Source: U.S. Law Enforcement Assistance Administration, *Children in Custody: A Report on the Juvenile Detention and Correctional Facility Census of 1975*; and unpublished data from the 1979 Census of Juvenile Detention, Correctional and Shelter Facilities.

**NO. 322. CHILDREN'S CASES DISPOSED OF BY JUVENILE COURTS: 1960 TO 1980**

[For definition of delinquency cases, see text, p. 174. Dependency and neglect cases are all cases referred to the court for some form of neglect or inadequate care on the part of parents or guardians. See also *Historical Statistics, Colonial Times to 1970*, series H 1119–1124]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980
Population 10–17 years old <sup>1</sup> .....	1,000.....	25,368	29,536	32,614	33,960	32,896	32,276	31,643	31,171
Delinquency cases excluding traffic <sup>2</sup> .....	1,000.....	510	697	1,052	1,317	1,389	1,359	1,374	1,445
Per 1,000 population 10–17 years old .....	Rate.....	20.1	23.6	32.3	38.8	42.2	42.1	43.4	46.4
Male.....	1,000.....	415	555	800	1,002	1,063	1,055	1,058	1,121
Female.....	1,000.....	99	142	252	315	326	304	316	324
Percent of total cases.....	Percent.....	19.3	20.4	24.0	23.9	23.5	22.4	23.0	22.0
Population under 18 years old <sup>3</sup> .....	1,000.....	64,516	69,699	70,810	68,314	66,850	65,982	65,395	64,908
Dependency and neglect cases <sup>2</sup> .....	1,000.....	131	157	133	143	158	158	157	153
Per 1,000 population under 18 years old .....	Rate.....	2.0	2.3	1.9	2.1	2.4	2.4	2.5	2.3

<sup>1</sup> U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1, Beginning 1977, includes number of children from age 10 to the upper age of jurisdiction for each State. <sup>2</sup> 1950 and 1965 delinquency cases based on data from a national sample of juvenile courts. Beginning 1970, data from all courts reporting provided the basis for the national estimates. <sup>3</sup> U.S. Bureau of the Census estimates of civilian population as of July 1, except 1960, 1970, and 1980, as of April 1.

Source: National Center for Juvenile Justice, Pittsburgh, Pa., *Juvenile Court Statistics*, annual.

**NO. 323. JAILS—SUMMARY: 1978**

[As of February. Excludes Federal and State prisons or other correctional institutions; institutions exclusively for juveniles; State-operated jails in Conn., Del., Hawaii, R.I., and Vt.; and other facilities which retain persons for less than 48 hours. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	United States	North-East	North-Central	South	West
Jails .....	3,493	207	1,042	1,678	566
With less than 50 inmates.....	2,844	109	933	1,380	422
With 50–249 inmates.....	519	75	89	249	106
With 250 or more inmates.....	130	23	20	49	38
With inmates being held for other authorities because of overcrowding.....	630	42	98	438	51
Number of inmates .....	158,394	24,228	28,452	67,444	38,270

Source: U.S. Law Enforcement Assistance Administration, *Census of Jails and Survey of Jail Inmates, 1978*; and unpublished data.

## Law Enforcement, Courts, and Prisons

## No. 324. JAIL INMATES—SELECTED CHARACTERISTICS: 1978

[See headnote, table 323]

CHARACTERISTIC	Total <sup>1</sup>	White	Black	CHARACTERISTIC	Total <sup>1</sup>	White	Black
Total inmates <sup>2</sup> ...	158,394	89,418	65,104	Type of offense:			
Male...	148,839	84,752	60,474	Violent.....	46,944	20,163	25,546
Female...	9,555	4,666	4,630	Property.....	65,455	38,496	25,670
Under 30 years...	110,166	60,581	46,788	Drug.....	13,586	8,680	4,726
30 years and over...	48,228	28,836	18,316	Public order.....	30,088	20,597	8,363
Median age (years)...	25.3	25.0	25.6	Legal representation:			
Education attainment:				With counsel.....	51,572	27,318	23,345
Less than 12 years...	96,265	53,084	40,923	Own lawyer.....	9,125	5,202	3,836
12 years or more...	61,943	36,163	24,165	Provided with lawyer.....	42,183	22,026	19,335
Median...	10.2	10.2	10.2	Without counsel.....	14,443	8,879	5,052
Preadrest employment status:				Detention status:			
Employed...	89,526	51,193	36,195	Unconvicted inmates.....	66,936	36,677	28,799
Not employed...	68,101	37,858	28,555	Bail status:			
With prearrest income:	147,736	83,622	60,592	Set.....	54,304	29,305	23,861
Median income (dollars)	3,714	4,184	2,986	Not set.....	11,607	6,848	4,441
Without prearrest income...	10,659	5,796	4,512	Convicted inmates.....	91,411	52,698	36,300
Military service:				Method of conviction:			
Served.....	39,861	26,696	12,120	Pleaded guilty.....	70,045	42,538	25,682
Never served.....	118,486	62,716	52,942	Judged guilty.....	20,075	9,668	9,916

<sup>1</sup> Includes races other than White and Black.   <sup>2</sup> Detail may not add to total because some items are unavailable or unknown.

Source: U.S. Bureau of Justice Statistics, *Profile of Jail Inmates: Sociodemographic Findings from the 1978 Survey of Inmates of Local Jails*, October 1980.

## No. 325. FEDERAL AND STATE PRISONERS: 1950 TO 1982

[Prior to 1970, excludes State institutions in Alaska and for 1950, those in Hawaii. Beginning 1977, includes all persons under jurisdiction of Federal and State authorities rather than those in the custody of such authorities, as was the case prior to 1979. Represents inmates sentenced to maximum term of more than a year. See also *Historical Statistics, Colonial Times to 1970*, series H 1135-1140.]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal		State		All institutions		Federal		State	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
1950.....	166,123	110.3	17,134	11.4	148,989	98.9	69,473	46.1	14,237	9.5	55,236	36.7
1960.....	212,953	118.6	23,218	12.9	189,735	105.7	88,575	49.3	13,723	7.6	74,852	41.7
1965.....	210,895	109.5	21,340	10.9	189,855	98.6	87,505	45.4	12,781	6.6	74,724	38.8
1970.....	196,429	96.7	20,038	9.8	176,391	86.8	79,351	39.1	12,047	5.9	67,304	33.1
1975.....	240,593	113.3	24,131	11.4	216,462	102.0	129,573	61.0	16,770	7.9	112,803	53.1
1980.....	315,974	139.2	20,611	9.1	295,363	130.1	142,122	62.7	10,907	4.8	131,215	57.9
1981.....	353,674	153.4	22,169	9.6	331,505	143.8	160,292	69.5	11,106	4.8	149,186	64.7
1982.....	396,072	170.2	23,652	10.2	372,420	160.0	177,109	76.1	12,461	5.4	164,648	70.7

<sup>1</sup> Rate per 100,000 estimated population.

## No. 326. FEDERAL AND STATE PRISONS—PRISONERS, BY STATE: 1982

[For years ending Dec. 31; represent inmates sentenced to maximum term of more than a year]

SEX, DIVISION, AND STATE	Total	Rate <sup>1</sup>	DIVISION AND STATE	Total	Rate <sup>1</sup>	DIVISION AND STATE	Total	Rate <sup>1</sup>
U.S. ....	396,072	170	W. No. Cent. ....	18,018	104	W. So. Cent. ....	57,359	226
Male.....	379,493	336	Minn. ....	2,081	50	Ark. ....	3,925	171
Female....	16,579	14	Iowa....	2,829	97	La. ....	10,935	249
Federal <sup>2</sup> ....	23,652	10	Mo. ....	7,445	150	Okla. ....	6,350	198
State....	372,420	160	N. Dak. ....	276	41	Tex. ....	36,149	233
New Eng....	10,778	86	S. Dak. ....	755	109	Mt. ....	17,111	141
Maine....	781	69	Nebr. ....	1,554	98	Mont. ....	914	114
N.H. ....	445	46	Kans. ....	3,078	127	Idaho....	1,047	108
Vt. ....	435	84	So. Atl. ....	91,904	235	Wyo. ....	702	138
Mass....	4,527	78	Del. ....	1,507	250	Colo. ....	3,042	99
R.I. ....	781	81	Md. ....	10,427	244	N. Mex. ....	1,447	105
Conn....	3,809	120	D.C. ....	3,351	532	Ariz. ....	6,048	209
Middle Atl....	46,403	125	Va. ....	9,715	176	Utah....	1,199	76
N.Y. ....	27,851	158	W.Va. ....	1,729	89	Nev. ....	2,712	302
N.J. ....	7,990	107	S.C. ....	15,358	254	Pac. ....	45,506	136
Pa. ....	10,462	88	Ga. ....	8,828	268	Wash. ....	6,322	148
E. No. Cent....	59,455	143	Fla. ....	14,049	247	Oreg. ....	3,867	146
Ohio....	17,317	160	Tenn. ....	27,139	257	Calif. ....	33,583	135
Ind....	8,295	152	Ala. ....	6,581	217	Alaska....	856	192
Ill....	13,949	122	Miss. ....	5,359	209	Hawaii....	878	88
Mich....	15,224	168						
Wis....	4,670	98						

<sup>1</sup> Rate per 100,000 resident population of States as of Dec. 31, 1981.   <sup>2</sup> Not included in State figures.

Source of tables 325 and 326: U.S. Bureau of Justice Statistics, *Prisoners in State and Federal Institutions on December 31, annual*.

# Parole Population—State Correctional Facilities

195

## No. 327. FEDERAL AND STATE PAROLE POPULATION: 1975 TO 1981

[As of Dec. 31]

ITEM	1975	1976	1977	1978	1979	1980	1981 <sup>1</sup>
Parole population.....	163,100	166,100	198,000	199,600	217,700	222,000	226,200
Entries to parole.....	(NA)	95,400	109,000	109,800	119,600	125,400	126,300
Removals from parole.....	(NA)	92,400	95,300	109,700	99,600	117,300	122,200

NA Not available. <sup>1</sup> Preliminary.

Source: U.S. Bureau of Justice Statistics, *Parole in the United States*, annual.

## No. 328. STATE CORRECTIONAL FACILITIES—CHARACTERISTICS, BY TYPE OF INSTITUTION: 1979

[In thousands, except as indicated. A unit was designated as overcrowded if it was smaller than 60 square feet or if it provided less than 60 square feet of floor space per inmate. See headnote, Table 329]

CHARACTERISTIC	Total	Confinement	Community based	CHARACTERISTIC	Total	Confinement	Community based
All facilities (number).....	791	568	223	Full-time staff.....	94.4	91.1	3.3
Inmates <sup>1</sup> .....	274,6	263,6	11.0	Inmates/full-time staff (ratio).....	2.9	2.9	3.3
Maximum security.....	109.7	109.7	—	Part-time staff.....	2.7	2.5	.2
Medium security.....	98.2	98.2	—	One-person units.....	129.5	128.3	1.2
Minimum security.....	62.2	51.2	11.0	Percent overcrowded.....	58	56	8
Not classified.....	3.6	3.6	—	Multiple-person units.....	13.3	12.9	.5
Permitted to depart each day unaccompanied.....	13.6	4.2	9.4	Percent overcrowded.....	89	80	75
On study release.....	.9	.4	.5	Dormitories.....	10.9	8.3	2.7
On work release.....	12.0	3.4	8.6	Percent overcrowded.....	18	20	11

- Represents zero. <sup>1</sup> Includes others, not shown separately and not classified.

## No. 329. STATE CORRECTIONAL FACILITIES—SELECTED CHARACTERISTICS, BY STATE: 1979

[Data obtained from a survey conducted between November 1979 and April 1980 for the U.S. Bureau of Justice Statistics by the U.S. Bureau of the Census. The types of facilities surveyed were: Prisons; prison farms; classification, diagnostic, reception, and medical centers; hospitals exclusively for State prisoners; drug and alcohol treatment facilities exclusively for State prisoners; road camps; forestry camps; special function facilities; and community based pre-release facilities]

REGION, DIVISION, AND STATE	Rated capacity <sup>1</sup>	INMATES			Division and state	Rated capacity <sup>1</sup>	INMATES			Confine- ment facili- ties, <sup>2</sup> full-time staff
		Total	Per- cent of ca- pacity	In maxi- mum secu- rity			Total	Per- cent of ca- pacity	In maxi- mum secu- rity	
U.S. Regions:	278,108	274,563	98.7	109,738	91,062	So. Atl.—Con.	6,666	7,961	119.4	2,086
Northeast.....	45,481	41,620	91.5	19,630	21,719	Md.....	2,245	87.7	809	888
No. Central.....	63,389	61,682	97.3	23,080	20,618	D.C.....	8,296	94.3	2,609	3,819
South.....	125,753	128,753	102.4	54,711	34,580	Va.....	1,263	83.8	144	468
West.....	43,485	42,508	97.8	12,317	14,145	W. Va.....	1,507	106.7	1,304	4,134
N. Eng.....	8,859	8,643	97.6	2,645	4,457	N.C.....	13,805	14,732	128.3	1,383
Maine.....	749	684	91.3	382	395	S.C.....	5,504	7,061	128.3	1,359
N.H.....	345	299	86.7	20	205	Ga.....	9,896	9,451	95.5	4,153
Vt.....	481	376	78.2	95	222	Fla.....	21,957	19,554	89.1	8,516
Mass.....	2,791	2,712	97.2	798	1,614	E. So. Cent.....	15,143	16,423	108.5	3,830
R.I.....	838	741	68.4	285	463	Ky.....	2,959	3,660	124.4	780
Conn.....	3,655	3,831	104.8	1,065	1,558	Tenn.....	5,350	6,522	121.9	1,346
Mid. Atl.....	36,622	32,977	90.0	16,985	17,262	Ala.....	4,255	3,832	90.1	426
N.Y.....	21,723	19,426	89.4	10,233	11,545	Miss.....	2,579	2,389	92.6	1,278
N.J.....	6,434	5,919	92.0	3,504	2,995	E. So. Cent.....	15,143	16,423	108.5	3,830
Pa.....	8,465	7,632	90.2	3,248	2,722	Ky.....	2,959	3,660	124.4	780
W. So. Cent.....	36,622	32,977	90.0	16,985	17,262	Tenn.....	5,350	6,522	121.9	1,346
N.Y.....	21,723	19,426	89.4	10,233	11,545	Ala.....	4,255	3,832	90.1	426
N.J.....	6,434	5,919	92.0	3,504	2,995	Okla.....	4,407	4,481	101.7	1,331
Pa.....	8,465	7,632	90.2	3,248	2,722	Tex.....	23,856	26,290	110.2	24,779
E. No. Cent.....	49,280	48,032	97.5	17,055	15,198	W. So. Cent.....	38,864	40,397	104.5	29,684
Ohio.....	14,495	13,362	92.2	3,119	3,045	Ark.....	3,046	3,015	99.0	2,445
Ird.....	6,234	5,672	91.0	2,947	2,027	La.....	7,355	6,611	89.9	1,129
Ill.....	11,949	11,627	97.3	3,565	4,505	Okla.....	4,407	4,481	101.7	1,417
Mich.....	13,478	14,018	104.0	6,022	4,096	Colo.....	2,519	2,241	89.0	1,129
Wis.....	3,124	3,353	107.3	1,402	1,525	N. Mex.....	1,308	1,511	115.5	164
W. No. Cent....	14,109	13,650	98.7	6,025	5,420	Ariz.....	3,301	3,277	99.3	1,413
Minn.....	2,078	2,030	97.7	1,016	1,071	Utah.....	1,201	993	82.7	169
Iowa.....	2,419	2,202	91.0	828	1,078	Nev.....	1,686	1,547	91.8	305
Mo.....	4,634	5,189	112.0	2,342	1,352	Pac.....	31,598	30,953	98.0	8,362
N. Dak.....	390	235	60.3	186	125	Wash.....	3,702	3,884	104.9	2,204
S. Dak.....	606	587	98.9	411	176	Oreg.....	2,628	2,975	113.2	2,143
Nebr.....	1,473	1,193	81.0	352	660	Calif.....	23,972	22,745	94.9	3,654
Kans.....	2,509	2,214	88.2	890	958	Alaska.....	640	592	92.5	256
So. Atl.....	71,946	71,933	100.0	21,197	22,271	Hawaii.....	656	757	115.4	105
Del.....	1,255	1,370	109.2	193	528					424

<sup>1</sup> Rated capacity data can mean anything from the number of beds in each type of confinement unit to formal assignment of a number by State officials using set criteria. <sup>2</sup> A facility in which at least half of the residents are not permitted to depart, unaccompanied by an official.

## Law Enforcement, Courts, and Prisons

## NO. 330. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME: 1965 TO 1982

[For years ending June 30; except beginning 1977, years ending September 30. In computing averages, sentences to life and more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

YEAR AND OFFENSE	ALL FIRST RELEASES <sup>1</sup>			PAROLE <sup>1</sup>			EXPIRATION OF SENTENCE <sup>1,2</sup>			YCA <sup>3</sup> RELEASES		
	Number	Average time (mo.)		Number	Average time (mo.)		Number	Average time (mo.)		Number	Avg. time served (mo.)	
		Sentence	Served		Sentence	Served		Sentence	Served		Sentence	Served
1965, all offenses.....	12,100	32.6	19.9	3,394	42.6	18.3	8,706	28.7	20.5	1,226	21.6	
1970, all offenses.....	8,487	38.6	19.7	2,754	55.0	20.0	5,733	30.7	19.6	947	21.7	
1975, all offenses.....	11,313	39.8	18.5	4,367	73.7	27.8	6,945	18.5	12.6	1,136	21.6	
1976, all offenses.....	10,463	32.3	15.1	3,114	74.3	26.9	7,349	14.4	10.1	958	19.7	
1977, all offenses.....	10,953	30.7	15.5	2,688	70.8	26.5	6,265	17.7	12.0	1,038	21.9	
1978, all offenses.....	12,132	37.2	18.7	3,318	78.5	30.0	6,614	21.6	14.4	1,172	24.7	
1979, all offenses.....	10,925	44.1	21.0	3,766	85.1	32.5	7,159	22.4	14.9	1,008	25.3	
1980, all offenses.....	9,069	33.9	15.9	2,440	83.8	31.0	6,629	15.5	10.3	468	24.5	
1981, all offenses.....	9,884	41.0	17.9	3,495	83.9	30.2	6,389	17.6	11.1	650	25.0	
1982, all offenses *.....	11,348	36.6	16.3	3,554	81.7	29.1	7,794	16.0	10.5	593	21.8	
Counterfeiting.....	242	30.9	15.8	99	51.8	18.7	143	16.5	13.8	11	12.8	
Drug laws.....	2,496	46.3	20.3	1,114	73.4	26.6	1,382	24.5	15.2	137	18.6	
Embezzlement.....	300	18.1	8.7	79	41.7	15.9	221	9.7	6.2	20	11.6	
Escape, flight, or harboring a fugitive.....	104	28.7	16.6	33	49.2	23.8	71	19.2	13.2	3	10.3	
Firearms.....	492	29.4	15.8	116	60.5	24.4	376	19.8	13.2	21	30.3	
Forgery.....	401	31.0	15.5	167	48.1	19.9	234	18.8	12.4	36	13.2	
Fraud.....	748	20.4	10.5	204	43.2	16.8	544	11.8	8.1	12	14.1	
Immigration.....	2,625	6.3	4.2	116	33.2	13.5	2,509	5.0	3.8	5	24.8	
Income tax.....	244	12.0	7.0	44	31.5	12.3	200	7.7	5.8	-	-	
Juvenile delinquency.....	2	44.5	26.5	1	31.0	10.0	1	58.0	43.0	-	-	
Kidnaping.....	47	217.0	64.7	35	258.1	67.3	12	97.0	57.1	5	53.2	
Larceny-theft.....	1,445	31.7	16.2	521	52.1	21.3	924	20.2	13.4	98	17.5	
Motor vehicle, interstate.....	252	44.6	23.1	123	57.3	23.9	129	32.6	22.4	20	25.6	
Liquor laws.....	7	20.1	11.2	3	38.0	19.3	4	6.7	5.2	-	-	
Robbery.....	742	138.3	50.3	539	165.1	53.6	203	67.0	41.6	144	27.4	
Securities, transporting false.....	46	58.7	29.3	19	99.0	42.4	27	30.3	20.0	-	-	
White slave traffic.....	20	50.6	26.1	7	74.2	36.0	13	37.8	20.7	1	34.0	
Military court-martial cases.....	28	93.8	45.0	12	142.6	59.1	16	57.3	34.4	-	-	
Govt. reservation, high seas, territories, and D.C.....	518	55.8	23.0	192	116.8	40.7	326	19.9	12.7	63	29.8	

\* Represents zero. <sup>1</sup> Excludes prisoners sentenced under Youth Corrections Act.

<sup>2</sup> Includes mandatory release.

<sup>3</sup> Youth Corrections Act. <sup>4</sup> Includes other offenses not shown separately. Excludes 487 first releases (escapes, pardons, etc.) other than by parole, expiration of sentence, and mandatory release; also excludes 248 second or subsequent releases.

Source: U.S. Bureau of Prisons, *Statistical Report*, annual.

## NO. 331. PRISONERS UNDER SENTENCE OF DEATH: 1975 TO 1982

[As of December 31. Excludes prisoners under sentence of death who remained within local correctional systems pending exhaustion of appellate process or who had not been committed to prison. These data may not match data in table 332 because of revisions of totals but not to characteristics]

CHARACTERISTIC	1975	1979	1980	1981	1982	CHARACTERISTIC	1975	1979	1980	1981	1982
Total .....	479	567	714	838	1,050	Marital status:					
White.....	214	344	427	488	504	Never married.....	217	208	268	327	413
Black and other.....	265	223	287	350	446	Married.....	167	190	229	259	317
Under 20 years.....	43	11	11	15	18	Divorced <sup>1</sup> .....	95	169	217	252	320
20-24 years.....	139	145	173	171	195	Time elapsed since sentencing:					
25-34 years.....	204	276	334	415	531	6 months or less.....	166	158	185	227	264
35-54 years.....	83	128	186	224	294	7-12 months.....	130	130	309	389	416
55 years and over.....	10	7	10	13	12	13-47 months.....	155	13	97	102	110
Completed school:						48-71 months.....	13	13	102	110	150
7 years or less.....	71	55	68	74	81	72 months and over.....	15	3	38	85	111
8 years.....	50	55	74	83	105	Legal status at arrest:					
9-11 years.....	167	187	204	247	318	Not under sentence.....	293	324	384	433	556
12 years.....	93	121	162	199	258	Parole or probation.....	51	88	115	147	182
More than 12 years.....	21	39	43	57	78	Prison or escaped.....	27	38	45	46	53
Unknown.....	77	110	163	178	210	Unknown.....	108	117	170	212	259

<sup>1</sup> Includes persons married but separated, widows, widowers, and unknown.

Source: 1975, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

## No. 332. MOVEMENT OF PRISONERS UNDER SENTENCE OF DEATH: 1970 TO 1982

[Prisoners reported under sentence of death by civil authorities. The term "under sentence of death" begins when the court pronounces the first sentence of death for a capital offense. As a result of a major procedural change, beginning 1976, all data except executions are not strictly comparable to corresponding data for earlier years. See source for explanation.]

STATUS	1970	1975	1976	1977	1978	1979	1980	1981	1982	
									Total	Murder <sup>1</sup>
Under sentence of death, Jan.	575	244	488	420	423	482	593	691	856	854
Received death sentence <sup>2</sup>	133	322	249	159	209	172	198	245	264	264
White	66	145	144	82	123	104	122	130	151	151
Black	66	174	105	75	84	66	75	111	109	109
Dispositions other than executions	77	78	317	155	150	59	100	79	68	67
Executions	-	-	-	1	-	2	-	1	2	2
Under sentence of death, Dec. 31 <sup>2</sup>	631	488	420	423	482	593	691	856	1050	1049
White	293	218	225	229	281	354	422	497	604	604
Black	335	262	195	192	197	236	265	351	434	433

<sup>1</sup> Represents zero. <sup>2</sup> Prisoners found guilty of murder or of murder and other crime(s).

<sup>2</sup> Includes persons other than White or Black.

## No. 333. PRISONERS EXECUTED UNDER CIVIL AUTHORITY: 1930 TO 1982

[Excludes executions by military authorities. The Army (including the Air Force) carried out 160 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958, 1959, and 1961). Of the total, 106 were executed for murder (including 21 involving rape), 53 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1970*, series H 1155-1167]

YEAR OR PERIOD	Total <sup>1</sup>	White	Black	EXECUTED FOR MURDER			EXECUTED FOR RAPE			OTHER OFFENSES <sup>2</sup>		
				Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
All years...	3,869	1,760	2,067	3,334	1,676	1,631	455	48	405	70	39	31
1930-1939	1,667	827	816	1,514	803	687	125	10	115	28	14	14
1940-1949	1,284	490	781	1,064	458	595	200	19	179	20	13	7
1950-1959	717	336	376	601	316	280	102	13	89	14	7	7
1960-1964	181	90	91	145	79	66	28	6	22	8	5	3
1965-1967	10	8	2	10	8	2	-	-	-	-	-	-
1968-1976	-	-	-	-	-	-	-	-	-	-	-	-
1977-1982 <sup>3</sup>	6	5	1	6	5	1	-	-	-	-	-	-

<sup>1</sup> Represents zero. <sup>2</sup> Includes races other than White or Black. <sup>3</sup> 25 armed robbery, 20 kidnapping, 11 burglary, 8 espionage (6 in 1942, and 2 in 1953), and 6 aggravated assault. <sup>3</sup> See footnote 1, table 334.

## No. 334. PRISONERS EXECUTED UNDER CIVIL AUTHORITY—STATES: 1940 TO 1982

[No executions took place in Maine, Michigan, Minnesota, New Hampshire, North Dakota, Rhode Island, or Wisconsin from 1940 to 1981. At no time during this period was the death penalty authorized in Maine, Minnesota, and Wisconsin; it was abolished in Michigan in 1963 and lapsed in North Dakota in 1975 through statutory expiration; in the remaining two States, New Hampshire and Rhode Island, the death penalty was authorized during most of the period. Alaska and Hawaii are included in these data only after attaining statehood in 1959. Since 1959, neither State has authorized the death penalty]

STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 <sup>1</sup>	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 <sup>1</sup>	STATE	1940 to 1949	1950 to 1959	1960 to 1967	1968 to 1976	1977 to 1982 <sup>1</sup>
Total <sup>2</sup> ...	1,214	717	191	-	6	Iowa...	7	1	2	-	-	Ohio...	51	32	7	-	-
Ala...	50	20	5	-	-	Kans...	5	5	5	-	-	Okla...	13	7	6	-	-
Ariz...	9	8	4	-	-	Ky...	34	16	1	-	-	Oreg...	12	4	1	-	-
Ark...	39	18	9	-	-	La...	47	27	1	-	-	Pa...	36	31	3	-	-
Calif...	80	74	30	-	-	Md...	45	6	1	-	-	S.C...	61	26	8	-	-
Colo...	13	3	6	-	-	Mass...	9	-	-	-	-	S.Dak...	1	-	-	-	-
Conn...	10	5	1	-	-	Miss...	60	36	10	-	-	Tenn...	37	8	1	-	-
Del...	4	-	-	-	-	Mo...	15	7	4	-	-	Tex...	74	74	29	-	1
D.C...	16	4	-	-	-	Morit...	1	-	-	-	-	Utah...	4	6	1	-	-
Fla...	65	49	12	-	1	Nebr...	2	2	-	-	-	Vt...	1	2	-	-	-
Ga...	130	85	14	-	-	Nev...	10	9	2	-	-	Va...	35	23	6	-	1
Idaho...	-	3	-	-	-	N.J...	14	17	3	-	-	Wash...	16	6	2	-	-
Ill...	18	9	2	-	-	N.Mex...	2	3	1	-	-	W.Va...	11	9	-	-	-
Ind...	7	2	1	-	1	N.Y...	114	52	10	-	-	Wyo...	2	-	1	-	-
						N.C...	112	19	1	-	-						

<sup>1</sup> Represents zero. <sup>2</sup> One execution in 1977, none in 1978, two in 1979, none in 1980, 1 in 1981 and 2 in 1982.

<sup>2</sup> Includes 23 Federal executions not shown by State (1940-1949, 13; 1950-1959, 9; and 1960-1967, 1).

Source of tables 332-334: Through 1978, U.S. Law Enforcement Assistance Administration; thereafter, U.S. Bureau of Justice Statistics, *Capital Punishment*, annual.

## Law Enforcement, Courts, and Prisons

## No. 335. FIRE LOSSES—TOTAL AND PER CAPITA: 1946 TO 1982

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita <sup>1</sup>	YEAR	Total (mil. dol.)	Per capita <sup>1</sup>	YEAR	Total (mil. dol.)	Per capita <sup>1</sup>
1946-1950.....	643	1960.....	1,108	\$6.19	1967.....	1,707	\$8.66	1975.....	3,190	\$15.09
1951-1955.....	823	1961.....	1,209	6.64	1968.....	1,830	9.20	1976.....	3,558	
1956-1960.....	1,045	1962.....	1,265	6.80	1969.....	1,952	9.71	1977.....	3,764	17.13
1961-1965.....	1,340	1963.....	1,406	7.48	1970.....	2,328	11.41	1978.....	4,008	18.05
1966-1970.....	1,850	1964.....	1,367	7.16	1971.....	2,316	11.24	1979.....	4,851	21.60
1971-1975.....	2,802	1965.....	1,456	7.51	1972.....	2,304	11.08	1980.....	5,379	24.56
1976-1980.....	4,358	1966.....	1,497	7.64	1973.....	2,659	12.57	1981.....	5,825	24.53
					1974.....	3,190	\$15.09	1982.....	6,894	25.46

<sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, N.Y., *Report of the Committee on Statistics and Origin of Losses*; thereafter, Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual.

## No. 336. FIRES—NUMBER AND LOSS, BY TYPE AND PROPERTY USE: 1978 TO 1982

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Fires, total.....	2,818	2,846	2,988	2,893	2,538	4,498	5,750	6,254	6,676	6,432
Structure.....	1,062	1,037	1,065	1,027	946	4,022	4,964	5,454	5,976	5,731
Outside of structure <sup>1</sup> .....	110	80	87	81	54	32	38	61	61	52
Brush and rubbish.....	879	956	1,115	1,052	832	-	-	-	-	-
Vehicle.....	503	496	472	466	443	391	682	685	594	591
Other.....	264	277	249	267	263	53	66	54	45	58
Structure by property use:										
Public assembly.....	30	31	29	28	26	194	284	326	356	381
Educational.....	20	22	20	20	17	111	79	101	184	161
Institutional.....	39	30	28	27	29	14	34	25	38	17
Stores and offices.....	63	64	62	55	56	475	457	645	642	510
Residential.....	730	722	758	733	676	2,192	2,529	3,042	3,259	3,253
1-2 family units <sup>2</sup> .....	569	551	591	574	538	1,784	2,034	2,447	2,713	2,794
Apartments.....	137	146	143	137	117	310	343	401	415	353
Hotels and motels.....	12	11	12	12	10	82	100	154	99	84
Other residential.....	12	14	12	10	11	16	52	40	32	22
Storage <sup>3</sup> .....	60	64	65	62	54	342	507	512	616	584
Industry, utility, defense <sup>3</sup> .....	55	58	55	49	42	594	966	672	775	663
Special structures.....	65	46	48	43	44	100	108	131	106	162

<sup>1</sup> Represents zero. <sup>2</sup> Includes outside storage, crops, timber, etc. <sup>3</sup> Includes mobile homes, some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, Mass., *U.S. Fire Experience* (1977-82).

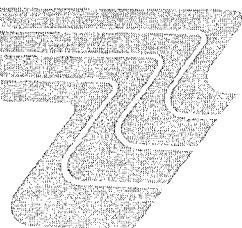
## No. 337. FIRES AND PROPERTY LOSS FOR INCENDIARY AND SUSPICIOUS FIRES; AND CIVILIAN FIRE DEATHS AND INJURIES BY SELECTED PROPERTY TYPE: 1979 TO 1982

[Based on sample survey of fire departments]

ITEM	1979	1980	1981	1982	ITEM	1979	1980	1981	1982
<b>NUMBER (1,000)</b>									
Structure fires, total.....	1,037	1,065	1,027	946	CIVILIAN FIRE DEATHS				
Structure fires of incendiary or suspicious origin.....	149	146	155	129	Deaths, total <sup>2</sup> .....	7,780	6,505	6,700	6,020
Fires of incendiary origin .....	89	92	88	77	Residential property.....	5,765	5,446	5,540	4,940
Fires of suspicious origin .....	60	54	67	52	One- and two-family dwellings.....	4,320	4,175	4,430	3,960
PROPERTY LOSS <sup>1</sup> (mil. dol.)					Apartments.....	1,180	1,025	970	860
Structure fires, total.....	4,964	5,454	5,976	5,731	Vehicles.....	1,535	740	840	695
Structure fires of incendiary or suspicious origin.....	1,328	1,760	1,668	1,604	CIVILIAN FIRE INJURIES				
Fires of incendiary origin .....	787	1,158	1,142	1,088	Injuries, total <sup>2</sup> .....	31,325	30,200	30,700	30,525
Fires of suspicious origin .....	541	602	516	516	Residential property.....	20,450	21,000	20,625	21,100
					One- and two-family dwellings.....	14,650	16,100	15,125	15,750
					Apartments.....	4,175	3,600	4,250	4,700
					Vehicles.....	5,175	4,075	3,400	3,425

<sup>1</sup> Direct property loss only. <sup>2</sup> Includes other not shown separately.

Source: National Fire Protection Association, Quincy, Mass., *U.S. Fire Experience* (1977-82).



## Section 7

# Geography and Environment

This section presents a variety of information on the physical environment of the United States, starting with basic area measurement data and ending with climate data for selected weather stations around the country. The subjects covered between those points are mostly concerned with environmental trends, but include such related subjects as land use and ownership, water consumption, hazardous waste sites, threatened and endangered wildlife, and expenditures for pollution abatement and control.

The information in this section is selected from a wide range of Federal agencies that compile the data for various administrative or regulatory purposes such as the Environmental Protection Agency, Geological Survey, National Oceanic and Atmospheric Administration, and General Services Administration. Other agencies include the Bureau of the Census, which presents nationwide area measurement information; the Council on Environmental Quality (CEQ), which presents data on environmental conditions and pollutants in its annual report; and the Bureau of Economic Analysis, which compiles data on pollution abatement and control expenditures.

**Area.**—Area measurements were first conducted for the United States as a whole, and gradually were extended to the individual States. The annual report of the U.S. General Land Office for 1850 contained the first reference to measurements of areas of the States and Territories. In 1881, as part of the 1880 Census of Population, the Bureau of the Census laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the methods and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement. As part of the 1940 census, the Bureau published *Areas of the United States: 1940*, in which data were presented on the total land and inland water areas of the States, counties, places, and minor civil divisions. Since the 1940 census, the Bureau has published area measurement figures in each succeeding census. In 1964, the Bureau undertook a new measurement of the areas of places with at least 1,000 inhabitants, minor civil divisions, and census county divisions of the 1960 census. The results are published in *Area Measurement Reports*, series GE-20, a series of State reports and a U.S. summary. For 1980, the areas of all States and counties were completely remeasured, using newer large scale maps and more modern equipment. The land area results for these areas are published in *1980 Census of Population*, vol. 1, chapter A reports (series PC80-1-A). Data for places and minor civil divisions with a population of 2,500 and over, metropolitan areas, and urbanized areas as well as States and counties are contained in a U.S. summary report.

**Geography.**—The Geological Survey conducts investigations, surveys, and research in the fields of geography, geology, topography, land use/land cover, mineralogy, hydrology, and geothermal energy resources as well as natural hazards. In cooperation with State and local agencies, the Geological Survey prepares and publishes topographic, land use/land cover, geologic, and hydrologic maps and data compilations. The Geological Survey provides United States cartographic data through the National Cartographic Information Center, water resources data through a multi-volume *Catalog of Information on Water Data*, and a variety of research and Open-File reports which are announced monthly in *New Publications of the Geological Survey*.

The National Ocean Survey, a division of NOAA, is responsible for coastal and geodetic surveys and measurement of certain physical phenomena. Currently, its primary functions are to provide charts for marine and air navigation, to maintain a basic network of geodetic control, and to compile other basic data for engineering, scientific, commercial, industrial, and defense needs.

An inventory of the nation's land resources was conducted by the Soil Conservation Service in 1977. The results, published in the *National Inventory of Land Resources, 1977*, cover all non-Federal land in Puerto Rico, the Virgin Islands, and the U.S. except Alaska.

Maps prepared by the Bureau of the Census show boundaries of various types of political and statistical areas, such as places, county subdivisions, census tracts, and urbanized areas.

**Environment.**—The CEQ is responsible for coordinating all environmental quality programs, recommending national environmental policies, analyzing changes and trends in the environment, and for reviewing Federal programs affecting the environment. It reports on its activities in its annual publication, *Environmental Quality*. The CEQ has also published unique compilations of environ-

mental data in *Environmental Statistics, 1979*, and *Environmental Trends*. The principal Federal agency responsible for pollution abatement and control activities is the Environmental Protection Agency (EPA). It is responsible for establishing and monitoring national air quality standards, water quality activities, solid and hazardous waste disposal, and control of toxic substances.

Air sampling, conducted by the Public Health Service, began in 17 communities in 1953; in 1957 the National Air Surveillance Network was established and, by the late 1960's, covered approximately 260 urban and 30 rural stations. The operation of the stations was decentralized in 1972 to the 10 regional EPA offices and many of the stations were in turn assimilated into State and locally operated air monitoring networks. The Network determines the extent and nature of air pollution and studies trends in levels of atmospheric contaminants.

National Ambient Air Quality Standards for suspended particulate matter, sulfur dioxide, oxidants, carbon monoxide, and nitrogen dioxide were set by EPA in April 1971. Responsibility for demonstrating compliance with or progress toward achieving these standards lies with the State agencies. There are approximately 3,500 non-Federal sampling stations for suspended particulates, almost 1,000 for sulfur oxides, 460 for carbon monoxide, 720 for photochemical oxidants, and 950 for nitrogen oxides. Data from these State networks are periodically submitted to EPA's National Aerometric Data Bank for summarization in quarterly reports on the nationwide status of, and trends in, air quality; for details, see *National Air Pollutant Emission Estimates, 1970-81*.

**Pollution abatement and control expenditures.**—Data on expenditures for pollution abatement and control are compiled and published by the Office of Management and Budget (OMB), the U.S. Bureau of Economic Analysis (BEA), the U.S. Bureau of the Census, and the CEQ as part of ongoing programs. OMB collected and published figures annually on Federal funds spent for pollution abatement and control in *The Budget of the United States Government* up until fiscal year 1982 when it was discontinued. BEA conducts surveys on national expenditures for pollution abatement and control and presents the data in its *Survey of Current Business*. The U.S. Bureau of the Census collects data on State and local government and industry expenditures on control activities. Data on government expenditures are reported in the annual *Environmental Quality Control: Government Finances*. Industry data are reported annually in *Current Industrial Reports*. CEQ publishes data in *Environmental Quality*.

**Climate.**—NOAA, through the National Weather Service and the National Environmental Satellite, Data and Information Service, is responsible for data on climate. NOAA maintains about 11,600 weather stations, of which over 3,000 produce autographic precipitation records, about 600 take hourly readings of a series of weather elements, and the remainder record data once a day. These data are reported monthly in the *Climatological Data* (published by State), and monthly and annually in the *Local Climatological Data* (published by location for major cities).

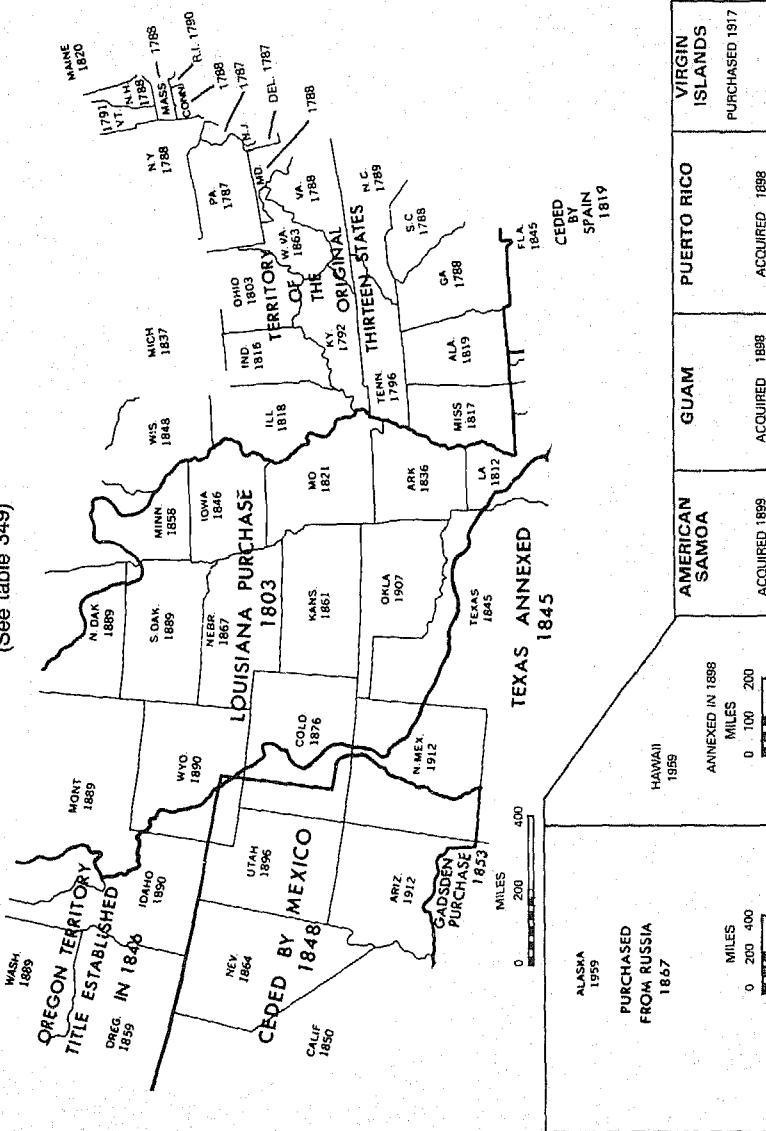
The climatological temperature, precipitation, and degree day normals listed in this publication are derived for comparative purposes and are averages for the 30-year period, 1951-80. For stations that did not have continuous records for the entire 30 years from the same instrument site, the normals have been adjusted to provide representative values for the current location. The information in all other tables is based on data from the beginning of the record at that location through 1981, except as noted.

The degree day normals are used to determine relative estimates of heating and cooling requirements for buildings. Each degree that the average temperature for a day is below 65° F produces one heating degree day. For example, if the maximum temperature is 70° F and the minimum temperature is 52° F, the average temperature for the day is 61°, resulting in four (4) heating degree days. Cooling degree days are calculated in a similar fashion for each degree that the average temperature is above 65° F. The monthly degree day normals represent the average accumulation of the daily values for the month.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

**Figure 7.1 Territorial Expansion of the United States and Acquisitions of Other Principal Areas**

(See table 349)



## Geography and Environment

## NO. 338. AREA OF STATES AND OTHER AREAS: 1980

[One sq. mile = 2.59 sq. kilometers. See *Historical Statistics, Colonial Times to 1970*, series A 210-263, for land area]

STATE OR OTHER AREA	Year admitted to state- hood	TOTAL AREA			LAND AREA <sup>1</sup>		WATER AREA <sup>2</sup>	
		Rank	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.	Sq. mi.	Sq. km.
United States.....	(x)	(x)	3,618,770	9,372,614	3,539,289	9,166,759	79,481	205,856
New England.....	(x)	(x)	66,672	172,681	63,012	163,201	3,660	9,480
Maine.....	1820	39	33,265	86,156	30,995	80,277	2,270	5,879
New Hampshire.....	1788	44	9,279	24,032	8,993	23,292	286	739
Vermont.....	1791	43	9,614	24,900	9,273	24,017	341	883
Massachusetts.....	1788	45	8,284	21,456	7,824	20,265	460	1,191
Rhode Island.....	1790	50	1,212	3,140	1,055	2,732	158	408
Connecticut.....	1788	48	5,018	12,997	4,872	12,617	147	380
Middle Atlantic.....	(x)	102,203	264,707	99,733	258,308	2,470	6,398	
New York.....	1788	30	49,108	127,189	47,377	122,706	1,781	4,463
New Jersey.....	1787	46	7,787	20,169	7,468	19,342	319	827
Pennsylvania.....	1787	33	45,308	117,348	44,888	116,260	420	1,088
East North Central.....	(x)	(x)	248,540	643,719	243,961	631,859	4,579	11,860
Ohio.....	1803	35	41,330	107,044	41,004	106,201	325	843
Indiana.....	1816	38	36,185	93,720	35,932	93,064	253	656
Illinois.....	1818	24	56,345	145,934	55,645	144,120	700	1,814
Michigan.....	1837	23	58,527	151,586	56,954	147,511	1,573	4,075
Wisconsin.....	1848	26	56,153	145,436	54,426	140,954	1,727	4,472
West North Central.....	(x)	(x)	517,825	1,341,166	508,132	1,316,063	9,693	25,104
Minnesota.....	1858	12	84,402	218,601	79,548	206,030	4,854	12,571
Iowa.....	1846	25	56,275	145,753	55,965	144,950	310	803
Missouri.....	1821	19	69,697	180,516	68,945	178,568	752	1,948
North Dakota.....	1889	17	70,702	183,119	69,300	179,486	1,403	3,633
South Dakota.....	1889	16	77,116	199,730	75,952	196,715	1,164	3,014
Nebraska.....	1867	15	77,355	200,350	76,644	198,508	711	1,842
Kansas.....	1861	14	82,277	213,098	81,778	211,805	499	1,293
South Atlantic.....	(x)	(x)	278,926	722,420	266,910	691,296	12,017	31,123
Delaware.....	1787	49	2,044	5,295	1,932	5,005	112	290
Maryland.....	1788	42	10,460	27,092	9,837	25,477	623	1,614
District of Columbia.....	(x)	(x)	69	178	63	162	6	15
Virginia.....	1788	36	40,767	105,586	39,704	102,832	1,063	2,753
West Virginia.....	1863	41	24,231	62,759	24,119	62,468	112	291
North Carolina.....	1789	28	52,669	136,413	48,843	126,504	3,826	9,909
South Carolina.....	1788	40	31,113	80,582	30,203	78,227	909	2,355
Georgia.....	1788	21	58,910	152,576	58,056	150,364	854	2,211
Florida.....	1845	22	58,664	151,939	54,153	140,256	4,511	11,683
East South Central.....	(x)	(x)	181,947	471,243	178,824	463,154	3,123	8,089
Kentucky.....	1792	37	40,409	104,660	39,669	102,743	740	1,917
Tennessee.....	1796	34	42,144	109,152	41,155	106,591	989	2,561
Alabama.....	1819	29	51,705	133,915	50,767	131,487	938	2,428
Mississippi.....	1817	32	47,689	123,515	47,233	122,333	457	1,183
West South Central.....	(x)	(x)	437,701	1,133,646	427,271	1,106,633	10,430	27,013
Arkansas.....	1836	27	53,187	137,754	52,078	134,883	1,109	2,871
Louisiana.....	1812	31	47,752	123,677	44,521	115,310	3,230	8,366
Oklahoma.....	1907	18	69,956	181,186	68,655	177,817	1,301	3,369
Texas.....	1845	2	266,807	691,030	262,017	678,623	4,790	12,407
Mountain.....	(x)	(x)	863,563	2,236,628	855,193	2,214,951	8,369	21,677
Montana.....	1889	4	147,046	380,848	145,388	376,555	1,657	4,293
Idaho.....	1890	13	83,564	216,432	82,412	213,447	1,153	2,985
Wyoming.....	1890	9	97,809	253,236	96,989	251,202	820	2,125
Colorado.....	1876	8	104,091	269,595	103,595	265,311	496	1,285
New Mexico.....	1912	5	121,593	314,925	121,335	314,258	258	667
Arizona.....	1912	6	114,000	295,260	113,508	293,986	492	1,274
Utah.....	1896	11	84,899	219,889	82,073	212,569	2,826	7,320
Nevada.....	1864	7	110,561	286,352	109,894	284,624	667	1,728
Pacific.....	(x)	(x)	921,392	2,386,406	896,253	2,321,295	25,140	65,112
Washington.....	1889	20	68,139	176,479	66,511	172,264	1,627	4,215
Oregon.....	1859	10	97,073	251,419	96,184	249,117	889	2,302
California.....	1850	3	158,706	411,049	156,299	404,814	2,407	6,234
Alaska.....	1959	1	591,004	1,530,700	570,833	1,478,457	20,171	52,243
Hawaii.....	1959	47	6,471	16,759	6,425	16,841	46	118
Other areas:								
Puerto Rico.....	(x)	(x)	3,515	8,104	3,459	8,958	56	145
American Samoa.....	(x)	(x)	77	199	77	199	-	-
Guam.....	(x)	(x)	209	541	209	541	-	-
Virgin Islands of the U.S.....	(x)	(x)	132	344	132	342	1	3
Trust Territory of the Pacific Islands <sup>4</sup> .....	(x)	(x)	533	1,380	533	1,380	-	-
No. Mariana Islands <sup>4</sup> .....	(x)	(x)	184	477	184	477	-	-

<sup>1</sup> Represents zero. X Not applicable.<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, etc.; streams and canals under one-eighth statute mile wide; and lakes, reservoirs, and ponds under 40 acres in area.<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having an area of 40 acres or more streams, sloughs, estuaries, and canals one-eighth statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water, and islands under 40 acres in area. Excludes areas of oceans, bays, sounds, etc., lying within U.S. jurisdiction but not defined as Inland water.<sup>3</sup> Year of ratification of Constitution; one of the original 13 States.<sup>4</sup> Under trusteeship; see table 5, footnote 5.Source: U.S. Bureau of the Census, 1980 *Census of Population*, vol. I, part A (PC80-1-A), and unpublished data.

## No. 339. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[One square mile = 2.59 square kilometers. Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties or cession, which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1980. See also *Historical Statistics, Colonial Times to 1970*, series J 1-2.]

ACCESSION	Acquisi-tion date	GROSS AREA (land and water)		ACCESSION	Acquisi-tion date	GROSS AREA (land and water)	
		Sq. mi.	Sq. km.			Sq. mi.	Sq. km.
Total .....	(X)	3,623,434	9,384,694	Other areas:			
United States.....	(X)	3,618,770	9,372,614	Puerto Rico.....	2 1898	3,515	9,104
Territory in 1790 <sup>1</sup> .....	(X)	891,364	2,308,633	Guam.....	3 1898	209	541
Louisiana Purchase.....	1803	831,321	2,153,121	American Samoa.....	4 1899	77	199
Purchase of Florida .....	1819	69,866	180,953	Virgin Islands of the U.S. ....	1917	132	342
Texas.....	1845	384,958	997,041	Trust Territory of the Pacific Islands <sup>5</sup> .....	1947	533	1,380
Oregon.....	1846	283,438	734,107	No. Mariana Is. <sup>6</sup> .....	1947	184	477
Mexican Cession.....	1848	530,706	1,374,529	All other <sup>7</sup> .....	(X)	14	36
Gadsden Purchase.....	1853	29,640	76,768				
Alaska.....	1867	591,004	1,530,700				
Hawaii.....	1898	6,471	16,760				

X Not applicable. <sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase. <sup>2</sup> Ceded by Spain in 1898, ratified in 1899, and became Commonwealth of Puerto Rico by Act of Congress on July 25, 1952. <sup>3</sup> Acquired 1898; ratified 1899. <sup>4</sup> Acquired 1899; ratified 1900. <sup>5</sup> Land area only. Under trusteeship; see table 5, footnote 5. <sup>6</sup> Comprises the following islands with gross areas as indicated, in sq. mi.: Midway (2), Wake (3), Palmyra (4), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston Atoll (combined area, less than 5), and Kingman Reef (less than .5). Excludes Canton and Enderbury Islands (combined area 27 sq. mi. or 73 sq. km.) which are considered to be under the jurisdiction of Kiribati; since 1979, and Swan Islands (1 sq. mi.), which were returned to Honduras in 1972.

Source: U.S. Bureau of the Census, unpublished data.

## No. 340. LAND UTILIZATION, BY TYPE: 1950 TO 1978

[1950 excludes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series J 50-65, for similar data]

TYPE	LAND (mil. acres)					PERCENT				
	1950	1959	1969	1974	1978	1950	1959	1969	1974	1978
Total land area .....	1,904	2,271	2,264	2,264	2,264	100.0	100.0	100.0	100.0	100.0
Cropland used for crops <sup>1</sup> .....	377	359	333	361	369	19.8	15.8	14.7	16.0	16.3
Idle cropland.....	32	33	51	21	26	1.7	1.5	2.3	.9	1.1
Cropland used only for pasture .....	69	66	88	83	76	3.6	2.9	3.9	3.7	3.4
Grassland pasture <sup>2</sup> .....	631	633	604	598	587	33.1	27.9	26.7	26.4	25.9
Forest land <sup>3</sup> .....	601	728	723	718	703	31.6	32.1	31.9	31.7	31.1
Special uses .....	115	146	172	182	158	6.0	6.4	7.6	8.0	7.0
Urban areas <sup>4</sup> .....	15	24	31	35	(*)	.8	1.1	1.4	1.5	(*)
Transportation areas <sup>5</sup> .....	24	25	26	26	27	1.2	1.2	1.2	1.2	1.2
Recreation areas <sup>6</sup> .....	32	44	49	52	57	1.7	1.9	2.2	2.3	2.5
Wildlife areas <sup>7</sup> .....	9	17	32	36	41	.5	.8	1.4	1.6	1.8
National defense and industrial <sup>8</sup> .....	23	26	26	25	25	1.2	1.1	1.1	1.1	1.1
Farmsteads, farm roads, and lanes .....	12	10	8	8	8	.6	.4	.4	.4	.4
Other land <sup>10</sup> .....	79	306	293	301	345	4.2	13.5	12.9	13.2	15.2

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow. <sup>2</sup> Grassland and other nonforest pasture and range. <sup>3</sup> Excludes reserve forest land in parks and other special uses of land. Includes forest grazing land. <sup>4</sup> Estimated area in urbanized areas and places of 2,500 or more population outside urbanized areas. <sup>5</sup> Data for urban areas included in other land. <sup>6</sup> Represents rural highway, road, and railroad rights-of-way, and airports. <sup>7</sup> Area in National and State parks and related recreation areas, including area in national wilderness and primitive areas. <sup>8</sup> Acreage administered by Federal and State agencies primarily for wildlife protection and propagation. <sup>9</sup> Areas administered by the Dept. of Defense for military purposes and by the Energy Research and Development Administration. <sup>10</sup> Miscellaneous areas such as marshes, open swamps, bare rock area, deserts, and tundra, and various other uses not inventoried.

## No. 341. OWNERSHIP OF LAND, BY CLASS: 1959 TO 1978

[In millions of acres, except percent. See also *Historical Statistics, Colonial Times to 1970*, series J 66, J 71, and J 76]

YEAR	Total <sup>1</sup>	Private land <sup>2</sup>	Indian lands <sup>3</sup>	PUBLIC LAND			
				Total	Federal <sup>4</sup>	State <sup>5</sup>	County and municipal
1959.....	2,271	1,332	53	886	765	103	18
1960.....	2,264	1,317	50	897	763	114	20
1974.....	2,264	1,318	51	897	761	116	20
1978.....	2,264	1,315	52	897	742	135	20
Percent distribution .....	100.0	58.1	2.3	39.6	32.7	6.0	.9

<sup>1</sup> Changes in total land area are due to variable methods and materials used in periodic remeasurements, and to the construction of artificial reservoirs. <sup>2</sup> Land owned by individuals, partnerships, and corporations. <sup>3</sup> Managed in trust by Bureau of Indian Affairs. <sup>4</sup> Changes in Federal and State land holdings mainly represent Federal land grants to the State of Alaska. Part of the change indicated after 1974 may have occurred prior to 1974.

Source of tables 340 and 341: U.S. Dept. of Agriculture, Economic Research Service, *Major Uses of Land in the United States: 1978*, AER 487, August 1982.

## Geography and Environment

## NO. 342. AREA AND ACQUISITION OF THE FEDERAL PUBLIC DOMAIN: 1781 TO 1981

[In millions of acres. Areas of acquisitions are as computed in 1912, and do not agree with figures in square miles shown in table 339 which include later adjustments and reflect subsequent remeasurement. Excludes outlying areas of the United States amounting to 645,949 acres in 1978. See also *Historical Statistics, Colonial Times to 1970*, series J 3-6]

YEAR	Land area, total <sup>1</sup>	YEAR	LAND AREA <sup>1</sup>			YEAR AND ACQUISITION	ACREAGE		
			Total	Public domain	Acquired		Total	Land	Inland water
1802	200.0	1970	761.3	706.4	54.9	Aggregate	1,837.8	1,804.7	33.1
1850	1,200.0	1971	760.2	704.8	55.9	1781-1802 (State Cessions)	236.8	233.4	3.4
1880	900.0	1972	760.7	704.8	55.9	1803, Louisiana Purchase <sup>2</sup>	529.9	523.4	6.5
1912	600.0	1973	761.0	704.8	56.2	1819, Cession from Spain	46.1	43.3	2.8
1946	413.0	1974	760.5	703.8	56.7	Red River Basin <sup>3</sup>	29.6	29.1	.5
1950	412.0	1975	760.4	702.9	57.5	1846, Oregon Compromise	183.4	180.6	2.7
1955	407.9	1976	762.2	702.8	59.4	1848, Mexican Cession <sup>2</sup>	338.7	334.5	4.2
1959	769.6	1977	741.5	683.3	58.2	1850, Purchase from Texas	78.9	78.8	.1
1960	771.5	1978	775.2	712.0	63.3	1853, Gadsden Purchase	19.0	19.0	(z)
1965	765.8	1979	744.1	684.3	59.8	1867, Alaska Purchase	375.3	362.5	12.8
		1980	719.5	648.0	71.5				
		1981	730.8	668.7	62.2				
		1982	729.8	670.0	59.8				

Z Less than 50,000. <sup>1</sup> Owned by Federal Government. Comprises original public domain plus acquired lands. Estimated from imperfect data available for indicated years. Prior to 1959, excludes Alaska, and 1960, Hawaii. Source: Beginning 1955, U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

<sup>2</sup> Data for Louisiana Purchase exclude areas eliminated by Treaty of 1819 with Spain. Such areas are included in figures for Mexican Cession. <sup>3</sup> Represents drainage basin of Red River of the North, south of 49th parallel. Authorities differ as to method and date of its acquisition. Some hold it as part of Louisiana Purchase; others, as acquired from Great Britain.

Source: Except as noted, U.S. Dept. of the Interior. Estimated area, Bureau of Land Management; all other data, Office of the Secretary, *Areas of Acquisitions to the Territory of the U.S.*, 1922.

## NO. 343. TOTAL AND FEDERALLY OWNED LAND, 1960 TO 1982, AND BY STATE, 1982

[As of June 30 except, beginning 1976, as of Sept. 30. Total land area figures are not comparable with those in table 338]

YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT <sup>1</sup>		YEAR, REGION, DIVISION, AND STATE	Total (1,000 acres)	Not owned by Federal Government (1,000 acres)	OWNED BY FEDERAL GOVERNMENT <sup>1</sup>	
			Acres	Percent				Acres	Percent
1960	2,273,407	1,501,894	771,512	33.9	W. No. Cent.—Con.				
1965	2,271,343	1,505,546	765,797	33.5	Mo.	44,248	41,995	2,254	5.1
1970	2,271,343	1,510,042	761,301	33.5	N. Dak.	44,452	42,206	2,246	5.1
1973	2,271,343	1,510,344	760,998	33.5	S. Dak.	48,882	45,730	3,152	6.4
1974	2,271,343	1,510,811	760,532	33.5	Nebr.	49,032	48,336	698	1.4
1975	2,271,343	1,510,929	760,414	33.5	Kans.	52,511	51,778	733	1.4
1976	2,271,343	1,509,151	762,192	33.5	So. All	171,324	158,292	13,033	7.6
1977	2,271,343	1,529,834	741,509	32.6	Del.	1,286	1,225	41	3.2
1978	2,271,343	1,496,094	775,249	34.1	Md.	6,319	6,109	210	3.3
1979	2,271,343	1,533,545	744,146	32.8	D.C.	39	27	12	31.5
1980	2,271,343	1,551,822	719,522	31.7	Va.	25,496	23,136	2,360	9.3
1981	2,271,343	1,540,528	730,815	32.2	W. Va.	15,411	14,297	1,114	7.2
1982, total	2,271,343	1,541,522	729,821	32.1	N.C.	31,403	29,234	2,169	6.9
Regions:					S.C.	19,374	18,180	1,194	6.2
Northeast	104,699	102,314	2,385	2.3	Ga.	37,295	35,014	2,281	6.1
No. Central	482,869	463,177	19,694	4.1	Fla.	34,721	31,070	3,652	10.5
South	561,238	531,963	29,275	5.2	E. So. Cent.	115,141	108,738	6,404	5.6
West	1,122,536	944,069	678,467	60.4	Ky.	25,512	24,095	1,418	5.6
N. Eng.	40,401	39,106	1,295	3.2	Tenn.	26,728	24,632	2,096	7.8
Maine	19,848	19,712	136	.7	Ala.	32,678	31,537	1,141	3.5
N.H.	5,769	5,031	738	12.8	Miss.	30,223	28,474	1,749	5.8
Vt	5,937	5,617	320	5.4	W. So. Cent.	274,773	264,933	9,838	3.6
Mass.	5,035	4,950	85	1.7	Ark.	33,599	30,195	3,404	10.1
R.I.	677	671	6	.9	La.	28,888	27,710	1,157	4.0
Conn.	3,135	3,125	10	.3	Okla.	44,088	42,399	1,749	4.0
Mid. Atl.	64,298	63,208	1,090	1.7	Tex.	168,218	164,689	3,528	2.1
N.Y.	30,681	30,432	249	.8	Mt.	548,446	287,531	260,918	47.6
N.J.	4,813	4,667	146	3.0	Mont.	93,271	65,803	27,468	29.5
Pa.	28,804	28,109	695	2.4	Idaho	52,933	18,651	34,282	64.8
E. No. Cent.	156,678	149,743	6,936	4.4	Wyo.	62,343	31,733	30,610	49.1
Ohio	26,222	25,871	351	1.3	Colo.	66,486	42,538	23,950	36.0
Ind.	23,158	22,630	529	2.3	N. Mex.	77,766	51,904	25,862	33.3
III.	35,705	35,169	626	1.8	Ariz.	72,688	43,493	29,195	40.2
Mich.	36,492	32,959	3,533	9.7	Utah	52,697	20,530	32,167	61.0
Wis.	35,011	33,114	1,897	5.4	Nev.	70,264	12,881	57,384	81.7
W. No. Cent.	326,191	313,434	12,758	3.9	Pac.	574,088	156,538	417,549	72.7
Minn.	51,206	47,757	3,449	6.7	Wash.	42,694	30,589	12,104	28.4
Iowa	35,860	35,632	228	.6	Oreg.	61,599	31,496	30,103	46.9
					Calif.	100,207	52,681	47,526	47.4
					Alaska	365,482	38,453	327,029	89.5
					Hawaii	4,106	3,319	787	19.2

<sup>1</sup> Excludes trust properties.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

No. 344. LANDS UNDER JURISDICTION OF BUREAU OF INDIAN AFFAIRS—ACREAGE, BY STATES:  
1940 TO 1981

[In thousands of acres. Excludes States with less than 500 acres in years specified. Beginning 1960, taxable lands generally included. Beginning 1975, includes tribal fee lands. See also *Historical Statistics, Colonial Times to 1970*, series J 16-19.]

STATE	1940	1960	1970	1975	1978	1979	1980	1981			
								Total	Indian		Government owned
									Trust allotted <sup>1</sup>	Tribal <sup>2</sup>	
Total.....	55,406 <sup>3</sup>	58,076	55,408	52,316	52,885	52,962	52,993	52,473	10,962	41,062	449
Ala.....	(NA)	4,168	4,170	117	363	386	428	448	361	87	-
Ariz.....	19,225	21,515	19,714	20,034	20,036	20,036	19,898	253	19,555	90	-
Calif.....	667	558	536	546	541	573	573	569	69	500	-
Colo.....	667	752	755	782	782	783	783	756	4	752	-
Fla.....	61	79	79	79	79	79	79	79	-	79	-
Idaho.....	818	835	828	827	828	827	827	827	332	462	33
Iowa.....	3	4	4	4	4	4	4	4	4	4	-
Kans.....	36	29	27	26	27	28	29	29	23	6	-
Mich.....	27	22	21	21	21	21	21	21	12	9	-
Minn.....	693	756	763	764	764	764	764	764	713	51	-
Miss.....	9	16	18	17	18	18	18	18	-	18	-
Mont.....	6,455	5,457	5,274	5,282	5,275	5,258	5,249	5,240	3,017	2,220	3
Nebr.....	76	68	62	61	65	65	65	65	42	23	-
Nev.....	1,127	1,152	1,148	1,153	1,154	1,154	1,154	1,225	79	1,138	8
N. Mex.....	7,153	6,542	7,209	7,537	7,843	7,865	7,864	7,459	676	6,483	300
N.C.....	57	56	57	56	56	56	56	57	57	57	-
N. Dak.....	1,036	879	850	850	851	853	853	853	644	208	1
Oklahoma.....	2,844	1,855	1,424	1,306	1,250	1,240	1,230	1,222	1,128	86	8
Oreg.....	1,737	1,238	687	761	761	761	762	760	139	621	-
S. Dak.....	5,885	5,064	4,975	5,020	5,085	5,091	5,093	5,096	2,473	2,621	2
Utah.....	1,693	2,125	2,271	2,276	2,277	2,286	2,286	2,286	34	2,252	-
Wash.....	2,740	2,591	2,460	2,504	2,511	2,517	2,520	2,499	482	2,014	3
Wis.....	445	422	188	407	409	409	410	410	329	81	-
Wyo.....	2,013	1,890	1,887	1,886	1,887	1,888	1,888	1,888	95	1,792	1

<sup>1</sup> Represents zero. NA Not available. <sup>2</sup> Private landholdings of individual Indians. <sup>3</sup> Lands held by Indian tribes.

<sup>3</sup> Includes 3,000 acres in S.C., not shown separately.

Source: U.S. Bureau of Indian Affairs, *Annual Report of Indian Land*, and unpublished data.

No. 345. URBAN LAND AREA—STATES: 1960 TO 1980

[In acres. Urban areas include central cities and adjacent urbanized fringe zones of urbanized areas plus all incorporated and unincorporated places of 2,500 or more inhabitants outside urbanized areas. For more information on urban, see text, p. 3.]

STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA <sup>1</sup>			STATE	URBAN AREA (1,000)			URBAN AREA PER CAPITA <sup>1</sup>		
	1960	1970	1980	1960	1970	1980		1960	1970	1980	1960	1970	1980
U.S.....	25,500	34,557	47,314	.20	.23	.28	Mississippi.....	228	366	580	.28	.37	.49
Alabama.....	703	1,052	1,483	.39	.52	.63	Missouri.....	518	798	1,020	.18	.24	.30
Alaska.....	14	68	285	.16	.43	.11	Montana.....	54	76	118	.16	.20	.28
Arizona.....	320	463	892	.33	.33	.39	Nebraska.....	121	178	232	.16	.19	.23
Arkansas.....	222	364	605	.29	.40	.51	Nevada.....	72	255	238	.36	.65	.35
California.....	2,952	3,328	4,200	.17	.18	.19	New Hampshire.....	310	323	359	.88	.78	.75
Colorado.....	203	343	597	.16	.20	.26	New Jersey.....	1,129	1,212	1,392	.21	.19	.21
Connecticut.....	574	578	745	.29	.25	.30	New Mexico.....	184	255	361	.29	.36	.38
Delaware.....	53	79	111	.18	.20	.26	New York.....	1,353	1,570	2,058	.09	.10	.14
District of Columbia.....	39	39	40	.05	.05	.06	North Carolina.....	488	688	1,164	.27	.30	.41
Florida.....	881	1,573	2,617	.24	.29	.32	North Dakota.....	39	62	95	.17	.23	.30
Georgia.....	612	920	1,454	.28	.33	.43	Ohio.....	1,415	1,816	2,093	.20	.23	.26
Hawaii.....	278	146	177	.57	.23	.21	Oklahoma.....	480	814	1,136	.33	.47	.56
Idaho.....	74	105	154	.23	.27	.30	Oregon.....	239	333	458	.22	.24	.26
Illinois.....	992	1,400	1,730	.12	.15	.18	Pennsylvania.....	1,186	1,450	1,770	.15	.17	.22
Indiana.....	520	829	1,012	.18	.25	.29	Rhode Island.....	123	172	182	.17	.21	.22
Iowa.....	416	573	666	.28	.35	.39	South Carolina.....	267	408	757	.27	.33	.45
Kansas.....	241	376	505	.18	.25	.32	South Dakota.....	62	81	106	.23	.27	.33
Kentucky.....	247	404	570	.18	.24	.31	Tennessee.....	492	840	1,278	.26	.36	.46
Louisiana.....	468	523	796	.23	.22	.28	Texas.....	2,113	2,870	4,017	.29	.32	.35
Maine.....	556	471	581	1.12	.93	1.09	Utah.....	190	254	420	.28	.30	.34
Maryland.....	290	483	836	.13	.16	.25	Vermont.....	51	41	78	.34	.29	.45
Massachusetts.....	909	1,027	1,286	.21	.21	.27	Virginia.....	486	768	1,183	.22	.26	.34
Michigan.....	1,017	1,286	1,540	.18	.20	.24	Washington.....	422	607	845	.22	.25	.28
Minnesota.....	707	905	1,299	.33	.36	.48	West Virginia.....	130	150	200	.19	.22	.28

<sup>1</sup> Based on urban resident population enumerated as of April 1.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Expansion of Urban Area: 1960-1980*. Data from U.S. Bureau of the Census.

## Geography and Environment

## No. 346. EXTREME AND MEAN ELEVATIONS—STATES AND OTHER AREAS

[One foot = .305 meter]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		APPROXIMATE MEAN ELEVATION			
	Name	Elevation		Name	Elevation			
		Feet	Meters		Feet	Meters		
U.S.	Mt. McKinley (Alaska).....	20,320	6,198	Death Valley (Calif.).....	-282	-86	2,500	763
Ala.	Cheaha Mountain.....	2,407	734	Gulf of Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	500	153
Alaska	Mount McKinley.....	20,320	6,198	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,900	580
Ariz.	Humphreys Peak.....	12,633	3,853	Colorado River.....	70	21	4,100	1,251
Ark.	Magazine Mountain.....	2,753	840	Ouachita River.....	55	17	650	198
Calif.	Mount Whitney.....	14,494	4,421	Death Valley.....	-282	-86	2,900	885
Colo.	Mt. Elbert.....	14,433	4,402	Arkansas River.....	3,350	1,022	6,800	2,074
Conn.	Mt. Frissell, on South slope.....	2,380	726	Long Island Sound.....	( <sup>1</sup> )	( <sup>1</sup> )	500	153
Del.	Ebright Road, New Castle County.....	442	135	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	60	18
D.C.	Tenleytown.....	410	125	Potomac River.....	1	( <sup>2</sup> )	150	46
Fla.	Sec. 30, T6N, R20W, Walton County <sup>2</sup> .....	345	105	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	100	31
Ga.	Brasstown Bald.....	4,784	1,459	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	600	183
Hawaii	Mauna Kea.....	13,795	4,208	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	3,030	924
Idaho	Borah Peak.....	12,662	3,862	Snake River.....	710	217	5,000	1,525
Ill.	Charles Mound.....	1,235	377	Mississippi River.....	279	85	600	183
Ind.	Franklin Twp., Wayne Co., Sec. 29, T100N, R41W, Oceola County <sup>2</sup> .....	1,257	383	Ohio River.....	320	98	700	214
Iowa	Mount Sunflower.....	1,670	509	Mississippi River.....	480	146	1,100	336
Kans.	Mount Sunflower.....	4,039	1,232	Verdigris River.....	680	207	2,000	610
Ky.	Black Mountain.....	4,145	1,264	Mississippi River.....	257	78	750	229
La.	Driskill Mountain.....	535	163	New Orleans.....	-5	-2	100	31
Maine	Mount Katahdin.....	5,268	1,607	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	600	183
Md.	Backbone Mountain.....	3,360	1,025	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	350	107
Mass.	Mount Greylock.....	3,491	1,065	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	500	153
Mich.	Mount Arvon.....	1,979	604	Lake Erie.....	572	174	900	275
Minn.	Eagle Mountain, Cook Co., White Butte, Slope Co.....	2,301	702	Lake Superior.....	602	184	1,200	386
Miss.	Woodall Mountain.....	806	246	Gulf of Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	300	92
Mo.	Taum Sauk Mountain.....	1,772	540	St. Francis River.....	230	70	800	244
Mont.	Granite Peak.....	12,799	3,904	Kootenai River.....	1,800	549	3,400	1,037
Nebr.	Johnson Twp., Kimball Co., Boundary Peak.....	5,426	1,655	Southeast corner of State.....	840	256	2,600	793
Nev.	Boundary Peak.....	13,143	4,098	Colorado River.....	470	143	5,500	1,678
N.H.	Mount Washington.....	6,288	1,918	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,000	305
N.J.	High Point.....	1,803	550	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	250	76
N. Mex.	Wheeler Peak.....	13,161	4,014	Red Bluff Reservoir.....	2,817	859	5,700	1,739
N.Y.	Mount Marcy.....	5,344	1,630	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,000	305
N.C.	Mount Mitchell.....	6,684	2,039	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	700	214
N. Dak.	White Butte, Slope Co.	3,506	1,069	Red River.....	750	229	1,900	580
Ohio	Campbell Hill.....	1,550	473	Ohio River.....	433	132	850	259
Okl.	Black Mesa.....	4,973	1,517	Little River.....	287	88	1,300	397
Oreg.	Mount Hood.....	11,239	3,428	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	3,300	1,007
Pa.	Mount Davis.....	3,213	980	Delaware River.....	( <sup>1</sup> )	( <sup>1</sup> )	1,100	336
R.I.	Jerimoth Hill.....	812	248	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	200	61
S.C.	Sassafras Mountain.....	3,560	1,086	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	350	107
S. Dak.	Harney Peak.....	7,242	2,209	Big Stone Lake.....	962	293	2,200	671
Tenn.	Clingmans Dome.....	6,643	2,025	Mississippi River.....	182	56	900	275
Tex.	Guadalupe Peak.....	8,749	2,666	Gulf of Mexico.....	( <sup>1</sup> )	( <sup>1</sup> )	1,700	519
Utah	Kings Peak.....	13,528	4,125	Beaverdam Creek.....	2,000	610	6,100	1,861
Vi.	Mount Mansfield.....	4,393	1,340	Lake Champlain.....	95	29	1,000	305
Va.	Mount Rogers.....	5,729	1,747	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	950	290
Wash.	Mount Rainier.....	14,410	4,395	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,700	519
W. Va.	Spruce Knob.....	4,863	1,483	Potomac River.....	240	73	1,500	458
Wis.	Timms Hill.....	1,951	595	Lake Michigan.....	581	177	1,050	320
Wyo.	Gannett Peak.....	13,804	4,210	Belle Fourche River.....	3,100	946	6,700	2,044
Other areas:	Cerro de Punta.....	4,389	1,339	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,800	549
P. Rico	Lata Mountain.....	3,160	984	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	1,300	397
Am. Samoa	Mount Lamlam.....	1,329	405	Pacific Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	330	101
Guam	Grown Mountain.....	1,556	475	Atlantic Ocean.....	( <sup>1</sup> )	( <sup>1</sup> )	750	229

Z Less than .5 meter. <sup>1</sup>Sea level. <sup>2</sup>"Sec." denotes section; "T," township; "R," range; "N," north; "W," west.  
 Source: U.S. Geological Survey, *Elevations and Distances in the United States*, 1980.

## NO. 347. COASTLINE OF THE UNITED STATES, BY STATES

[One mile = 1.609 kilometers]

STATE	GENERAL COASTLINE <sup>1</sup>		TIDAL SHORELINE <sup>2</sup>		STATE	GENERAL COASTLINE <sup>1</sup>		TIDAL SHORELINE <sup>2</sup>	
	Statute miles	Kilo-meters	Statute miles	Kilo-meters		Statute miles	Kilo-meters	Statute miles	Kilo-meters
U.S.	12,383	19,924	88,633	142,610	Gulf coast	1,631	2,624	17,141	27,580
Atlantic coast	2,069	3,329	28,673	46,135	Alabama	53	85	607	977
Connecticut	-	-	618	994	Florida	770	1,239	5,095	8,198
Delaware	28	45	381	613	Louisiana	397	639	7,721	12,423
Florida	580	933	3,331	5,360	Mississippi	44	71	359	578
Georgia	100	161	2,344	9,771	Texas	367	591	3,359	5,405
Maine	228	367	3,478	5,596	Pacific coast	7,623	12,265	40,298	64,839
Maryland	31	50	3,190	5,133	Alaska	5,580	8,978	31,383	50,495
Massachusetts	192	309	1,519	2,444	California	840	1,352	3,427	5,514
New Hampshire	13	21	131	211	Hawaiian Islands	750	1,207	1,052	1,693
New Jersey	130	209	1,792	2,883	Oregon	296	476	1,410	2,289
New York	127	204	1,850	2,977	Washington	157	253	3,026	4,869
North Carolina	301	464	3,375	5,430	Arctic coast, Alaska	1,060	1,706	2,521	4,056
Pennsylvania	-	-	82	143					
Rhode Island	40	64	384	618					
South Carolina	187	301	2,876	4,627					
Virginia	112	180	3,315	5,334					

- Represents zero. <sup>1</sup>Figures are lengths of general outline of seacoast. Measurements were made with a unit measure of 30 minutes of latitude on charts as near the scale of 1:1,200,000 as possible. Coastline of sounds and bays is included to a point where they narrow to width of unit measure, and includes the distance across at such point. <sup>2</sup>Figures obtained in 1939-1940 with a recording instrument on the largest-scale chart and maps then available. Shoreline of outer coast, offshore islands, sounds, bays, rivers, and creeks is included to the head of tidewater or to a point where tidal waters narrow to a width of 100 feet.

Source: U.S. National Oceanic and Atmospheric Administration, *The Coastline of the United States*, 1975.

## NO. 348. WATER AREA, OTHER THAN INLAND WATER—STATES

[Includes only that portion of body of water under the jurisdiction of the United States, excluding Alaska and Hawaii. Excludes inland waters; see footnote 2, table 1. One square mile = 2.59 square kilometers]

BODY OF WATER	AREA		BODY OF WATER	AREA	
	Sq. mi.	Sq. km.		Sq. mi.	Sq. km.
Total	74,364	192,603	Gulf of Mexico coastal water	3,837	9,938
Atlantic coastal water	2,298	5,952	Alabama	560	1,450
Florida	37	96	Florida	1,698	4,398
Georgia	48	124	Louisiana	1,016	2,631
Maine	1,102	2,854	Mississippi	556	1,440
Massachusetts	959	2,484	Texas	7	18
Rhode Island	14	36	Lake Michigan	22,178	57,441
South Carolina	138	357	Illinois	1,526	3,952
Chesapeake Bay	3,237	8,384	Indiana	228	591
Maryland	1,726	4,470	Michigan	13,037	33,766
Virginia	1,511	3,913	Wisconsin	7,387	19,132
Delaware Bay	665	1,722	New York Harbor	92	238
Delaware	350	907	New Jersey	69	179
New Jersey	315	816	New York	23	60
Lake Erie	5,002	12,955	Lake Ontario: New York	3,033	7,855
Michigan	216	559	Pacific coastal water	343	868
New York	594	1,538	California	69	179
Ohio	3,457	8,954	Oregon	48	124
Pennsylvania	735	1,904	Washington	226	585
Straits of Georgia and Juan de Fuca:			Puget Sound: Washington	561	1,453
Washington	1,610	4,170	Lake St. Clair: Michigan	116	300
Lake Huron: Michigan	8,975	23,245	Lake Superior	21,118	54,696
Long Island Sound	1,298	3,364	Michigan	16,231	42,038
Connecticut	573	1,484	Minnesota	2,212	5,729
New York	726	1,880	Wisconsin	2,675	6,928

Source: U.S. Bureau of the Census, *Areas of the United States: 1940*.

## Geography and Environment

## No. 349. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 600 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so named, usually the junction of 2 tributaries or headwater streams. One mile=1,609 kilometers]

RIVER/OUTFLOW	LENGTH		RIVER/OUTFLOW	LENGTH	
	Miles	Kilo-meters		Miles	Kilo-meters
Arkansas/Mississippi River.....	1,450	2,333	Missouri-Red Rock/Mississippi River.....	2,564	4,125
Brazos/Gulf of Mexico.....	1,309	2,106	Mobile-Alabama-Coosa/Mobile Bay.....	639	1,028
Canadian/Arkansas River.....	906	1,458	North Canadian/Canadian River.....	784	1,261
Cimarron/Arkansas River.....	698	1,123	North Plate/Platte River.....	680	1,094
Colorado (U.S.-Mex.)/Gulf of California.....	1,450	2,333	Ohio/Mississippi River.....	981	1,578
Colorado (Texas)/Matagorda Bay.....	694	1,438	Ohio-Allegheny/Mississippi River.....	1,308	2,101
Columbia/Pacific Ocean.....	1,214	1,955	Ouachita/Red River.....	605	973
Columbia, Upper/to mouth of Snake River.....	890	1,432	Pecos/Rio Grande.....	926	1,490
Cumberland/Ohio River.....	687	1,105	Red (Okla.-Tex.-La.)/Mississippi River.....	1,222	1,966
Gila/Colorado River.....	630	1,014	Rio Grande/Gulf of Mexico.....	1,885	3,033
Green (Utah-Wyo.)/Colorado River.....	730	1,175	St. Lawrence/Lake Ontario.....	800	1,287
James (N.Dak.-S.Dak.)/Missouri River.....	710	1,142	Snake/Columbia River.....	1,000	1,609
Kuskokwim/Kuskokwim Bay.....	800	1,287	Tanana/Yukon River.....	800	1,287
Milk/Missouri River.....	625	1,006	Tennessee/Ohio River.....	652	1,049
Mississippi/Mouth of SW Pass.....	2,348	3,778	Tennessee-French Broad/Ohio River.....	869	1,398
Mississippi, Upper/to mouth of Missouri River.....	1,171	1,884	Trinity/Trinity Bay.....	715	1,150
Mississippi-Missouri-Red Rock/mouth of SW Pass.....	3,741	6,019	Washita/Red River.....	626	1,007
Missouri/Mississippi River.....	2,315	3,725	White (Ark.-Mo.)/Mississippi River.....	685	1,102
			Yellowstone/Missouri River.....	671	1,080
			Yukon/Bering Sea.....	1,875	3,017

Source: U.S. Corps of Engineers, unpublished data.

## No. 350. WATER WITHDRAWALS AND CONSUMPTION PER DAY—STATES AND PUERTO RICO: 1980

[Figures may not add due to rounding. Withdrawal signifies water physically withdrawn from a source. Includes fresh and saline water; excludes water used for hydroelectric power]

STATE	WATER WITHDRAWN					STATE OR OTHER AREA	WATER WITHDRAWN					Fresh water consumed <sup>2</sup> (mil. gal.)	
	Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Sur-face (bil. gal.)	Public sup-piles (bil. gal.)	Irriga-tion (bil. gal.)		Per capita <sup>1</sup> (gal.)	Total (bil. gal.)	Sur-face (bil. gal.)	Public sup-piles (bil. gal.)	Irriga-tion (bil. gal.)		
Total	1,953	450.0	360.0	34.0	150.0	100,000	Mo.....	1,401	6.9	6.4	.7	.1	670
Ala.....	2,824	11.0	10.0	.6	(z)	570	Mont.....	13,959	11.0	11.0	.1	11.0	2,700
Alaska.....	546	.2	.2	.1	—	35	Nebr.....	7,634	12.0	4.9	.3	9.3	7,600
Ariz.....	2,929	8.0	3.7	.6	7.1	4,500	N.H.....	4,461	3.6	2.9	.2	8.1	1,700
Ark.....	6,950	16.0	12.0	.3	5.1	3,800	N.J.....	1,083	1.0	.9	.1	(z)	17
Calif.....	2,272	54.0	33.0	4.1	37.0	25,000	N.J.....	1,356	10.0	9.6	1.1	.1	380
Colo.....	5,512	16.0	13.0	.6	14.0	4,000	N.Mex.....	2,989	3.9	2.1	.2	3.6	1,900
Corn.....	1,188	.37	.36	.4	(z)	160	N.Y.....	967	17.0	16.0	2.2	(z)	590
Del.....	2,013	1.2	1.1	.1	(z)	11	N.C.....	1,376	8.1	7.3	.6	.1	760
D.C.....	534	.3	.3	.2	—	—	N. Dak.....	1,988	1.3	1.2	.1	.3	330
Fla.....	2,127	21.0	17.0	1.4	3.0	3,200	Ohio.....	1,296	14.0	13.0	1.4	(z)	550
Ga.....	1,259	6.9	5.7	.8	.6	1,000	Oklahoma.....	592	1.8	.8	.3	.9	1,000
Hawaii.....	2,548	2.5	1.7	.2	.2	680	Oreg.....	2,578	6.8	5.7	.2	5.9	3,200
Idaho.....	19,007	18.0	12.0	.2	16.0	5,900	Pa.....	1,347	16.0	15.0	.1	.2	920
Ill.....	1,574	18.0	17.0	1.8	.1	590	R.I.....	527	.5	.5	.1	(z)	15
Ind.....	2,551	14.0	13.0	.6	.2	690	S.C.....	1,983	6.2	6.0	.4	.1	280
Iowa.....	1,476	4.3	3.5	.3	.1	290	S. Dak.....	1,000	.7	.4	.1	.5	460
Kans.....	2,788	6.6	1.0	.3	5.6	4,700	Tenn.....	2,176	10.0	9.6	.5	(z)	270
Ky.....	1,311	4.8	4.6	.4	(z)	290	Tex.....	1,466	21.0	13.0	3.8	8.4	10,000
La.....	3,079	13.0	11.0	.6	2.2	3,500	Utah.....	3,125	4.6	3.6	.8	3.2	2,900
Maine.....	1,421	1.6	1.5	.1	(z)	53	Vt.....	684	.3	.3	.1	(z)	41
Md.....	1,622	7.7	7.6	.5	(z)	100	Va.....	1,809	9.7	9.3	.6	(z)	230
Mass.....	1,027	5.9	5.6	.8	(z)	90	Wash.....	2,001	8.3	7.5	.8	6.4	2,900
Mich.....	1,621	15.0	14.0	1.3	.2	460	W. Va.....	2,872	5.6	5.4	.2	(z)	200
Minn.....	759	3.1	2.4	.4	.2	450	Wis.....	1,227	5.8	5.2	.6	.1	310
Miss.....	1,387	3.5	2.0	.3	1.0	710	Wyo.....	11,368	5.4	4.8	.1	4.9	2,600
P. Rico <sup>3</sup> .....							P. Rico <sup>3</sup> .....	980	3.2	2.9	.4	.3	300

<sup>1</sup> Represents zero. <sup>2</sup> Less than 50 million. <sup>3</sup> Based on population as of July 1. <sup>4</sup> Evaporated, transpired, or incorporated into products; excludes irrigation conveyance losses by evapotranspiration. <sup>5</sup> Includes Virgin Islands.

Source: U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, Circular 1001.

## No. 351. U.S. WATER WITHDRAWALS AND CONSUMPTION PER DAY BY END-USE: 1940 TO 1980

[Includes Puerto Rico. See headnote, table 350. See also *Historical Statistics, Colonial Times to 1970*, series J 92-103]

YEAR	Total (bil. gal.)	Per capita <sup>1</sup> (gal.)	Irriga- tion (bil. gal.)	PUBLIC WATER UTILITIES <sup>2</sup>		Rural domes- tic <sup>3</sup> (bil. gal.)	Indus- trial and misc. <sup>4</sup> (bil. gal.)	Steam electric utilities (bil. gal.)
				Total (bil. gal.)	Per capita <sup>a</sup> (gal.)			
<b>WITHDRAWALS</b>								
1940.....	136	1,027	71	10	75	3.1	29	23
1950.....	180	1,185	89	14	145	3.6	37	40
1955.....	240	1,454	110	17	148	3.6	39	72
1960.....	270	1,500	110	21	151	3.6	38	100
1965.....	310	1,602	120	24	155	4.0	46	130
1970.....	370	1,815	130	27	166	4.5	47	170
1975.....	420	1,872	140	29	168	4.9	45	200
1980.....	450	1,953	150	34	183	5.6	45	210
<b>CONSUMPTION</b>								
1960.....	61	339	52	3.5	25	2.8	3.0	.2
1965.....	78	403	66	5.2	34	3.2	3.4	.4
1970.....	87	427	73	5.9	36	3.4	4.1	.8
1975.....	96	451	80	6.7	38	3.4	4.2	1.9
1980.....	100	440	83	7.1	38	3.9	5.0	3.2

<sup>1</sup> Based on Bureau of the Census resident population as of July 1. <sup>2</sup> Includes domestic, central and commercial water withdrawals. <sup>3</sup> Based on population served. <sup>4</sup> Rural farm and nonfarm household and garden use, and water for farm stock and dairies. <sup>a</sup> For 1940-1960, includes manufacturing and mineral industries, rural commercial industries, air conditioning, resorts, hotels, motels, military and other State and Federal agencies, and miscellaneous; thereafter, includes manufacturing, mining and mineral processing, ordnance, construction, and miscellaneous.

Sources: U.S. Bureau of Domestic Business Development, 1940-1960 based principally on committee prints, *Water Resources Activities in the United States*, for the Senate Committee on National Water Resources, U.S. Senate, 1960; U.S. Geological Survey, *Estimated Use of Water in the United States in 1980*, circular 1001 and previous quinquennial issues.

No. 352. NATIONAL AMBIENT WATER QUALITY IN RIVERS AND STREAMS—VIOLATION RATE:  
1973 TO 1981

[In percent. Violation level based on U.S. Environmental Protection Agency water quality criteria. Violation rate represents the proportion of all measurements of a specific water quality pollutant which exceeds the "violation level" for that pollutant. "Violation" does not necessarily imply a legal violation. Data based on U.S. Geological Survey's National Stream Quality Accounting Network (NASCAN) data system; for details, see source. Years refer to water years. A water year begins in Oct. and ends in Sept.  $\mu\text{g}$ =micrograms. mg=milligrams. For metric conversions, see p. xi.]

POLLUTANT	VIOLATION LEVEL	1973	1974	1975	1976	1977	1978	1979	1980	1981
Fecal coliform bacteria.....	Above 200 cells per 100 ml.....	46	46	36	32	34	35	34	31	30
Dissolved oxygen.....	Below 5 mg per liter.....	6	4	5	6	11	5	4	5	4
Phosphorus.....	Above 1 mg per liter.....	57	60	47	47	48	48	47	48	49
Lead.....	Above 50 $\mu\text{g}$ per liter.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	5	3
Cadmium.....	Above 10 $\mu\text{g}$ per liter.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	4	1	1

NA Not available.

Source: U.S. Council on Environmental Quality, *Environmental Quality*, 1980, and unpublished data.

## No. 353. POLLUTING DISCHARGES REPORTED IN U.S. WATERS: 1970 TO 1981

ITEM	Incidents	Gallons (1,000)	ITEM	Incidents	Gallons (1,000)
1970, discharges.....	3,711	15,253	1981—Con.		
1971, discharges.....	8,736	8,840	Pipeline.....	517	1,393
1972, discharges.....	9,931	18,806	Marine facilities:		
1973, discharges.....	13,328	24,315	Onshore/offshore.....	604	545
1974, discharges.....	14,432	19,422	Land vehicles.....	345	339
1975, discharges.....	12,781	22,243	Land facilities.....	153	108
1976, discharges.....	13,930	36,608	Other or unknown.....	3,643	295
1977, discharges.....	15,330	11,248	Type of pollutant:		
1978, discharges.....	14,495	17,557	Crude Oil.....	1,886	10,697
1979, discharges.....	13,134	13,661	Diesel Oil.....	1,857	1,217
1980, discharges.....	11,155	15,093	Other oil.....	2,208	349
1981, discharges.....	10,072	19,638	Other or unknown.....	4,111	7,375
Vessel.....	2,875	14,470	Location:		
Tankship.....	449	9,496	Atlantic Coast.....	2,499	1,249
Tank barge.....	768	4,281	Gulf Coast.....	1,846	471
Other.....	1,658	693	Pacific Coast.....	1,214	444
Nontransport facilities.....	1,935	2,488	Great Lakes.....	308	137
Onshore.....	104	30	Inland.....	4,140	17,332
Offshore.....	851	35			
Other.....	980	2,423			

Source: U.S. Coast Guard, *Polluting Incidents In and Around U.S. Waters*, calendar years 1980 and 1981.

## Geography and Environment

## NO. 354. POPULATION SERVED BY SEWER SYSTEMS, BY DEGREE OF TREATMENT: 1960 TO 1982

[In millions, except percent. 1960 and 1970 not strictly comparable with later years]

ITEM	1960	1970	1978	1980	1982	ITEM	1960	1970	1978	1980	1982
U.S. population...	180	203	220	224	230	Degree of treatment:					
Not served by sewers.....	70	59	66	65	62	Primary.....					
Percent of population.....	39	29	30	29	27	Advanced primary.....					
Served by sewers.....	110	145	154	159	168	Secondary.....					
Not treated.....	70	59	2	2	2	Advanced secondary.....					
Treated.....	40	86	152	157	166	Tertiary.....					
						36	(NA)		{ 21	41	48
									26		
										56	63
										31	48
									18	15	48
											5

NA Not available. <sup>1</sup> Decrease in 1980 due to some tertiary plants being downgraded into other classifications of treatment.Source: 1960 and 1970, U.S. Dept. of Commerce, "Market for Water and Waste Water Treatment Equipment," *Journal, Water Pollution Control Federation*, April 1979; 1978-1982, U.S. Environmental Protection Agency, *Needs Survey, Conveyance and Treatment of Municipal Wastewater, Summaries of Technical Data*, biennial.

## NO. 355. NATIONAL AMBIENT AIR POLLUTANT CONCENTRATIONS: 1975 TO 1981

[Data represent annual composite averages of pollutant based on daily 24-hour averages of monitoring stations.  $\mu\text{g}/\text{m}^3$  = micrograms of pollutant per cubic meter of air;  $\text{mg}/\text{m}^3$  = milligrams of pollutant per cubic meter of air]

POLLUTANT	Unit	Monitoring stations, number	Annual standard	1975	1976	1977	1978	1979	1980	1981
Carbon monoxide.....	$\text{mg}/\text{m}^3$ .....	224	( <sup>1</sup> )	13.0	12.3	11.6	11.0	10.4	9.7	9.7
Ozone.....	$\mu\text{g}/\text{m}^3$ .....	209	( <sup>2</sup> )	294	292	298	269	272	263	263
Sulfur dioxide.....	$\mu\text{g}/\text{m}^3$ .....	416	80	39.3	39.3	34.1	31.4	28.8	28.8	28.8
Total suspended particulates.....	$\mu\text{g}/\text{m}^3$ .....	1,972	75	61	61	61	60	60	56	59
Nitrogen dioxide.....	$\mu\text{g}/\text{m}^3$ .....	445	100	45.1	47.0	47.0	50.8	50.8	48.9	47.0
Lead.....	$\mu\text{g}/\text{m}^3$ .....	92	( <sup>3</sup> )	.91	.89	.94	.84	.73	.46	.39
INDEX										
Carbon monoxide.....			( <sup>1</sup> )	100	95	89	85	80	75	75
Ozone.....			( <sup>2</sup> )	100	99	99	101	91	93	86
Sulfur dioxide.....			1975 = 100 ..	209	80	100	87	80	80	73
Total suspended particulates.....				416	75	100	100	98	98	97
Nitrogen dioxide.....				1,972	100	100	104	113	113	108
Lead.....				445	100	98	103	92	80	51
				92	( <sup>3</sup> )					43

<sup>1</sup> Based on 8-hour standard of 10  $\text{mg}/\text{m}^3$ . <sup>2</sup> Based on 1-hour standard of 235  $\mu\text{g}/\text{m}^3$ . <sup>3</sup> Based on 3-month standard of 1.5  $\mu\text{g}/\text{m}^3$ .Source: U.S. Environmental Protection Agency, *National Ambient Air Quality and Emissions Trends Report, 1975-1981*.

## NO. 356. NATIONAL AIR POLLUTANT EMISSIONS, BY POLLUTANT AND EMISSIONS SOURCE: 1980

[In thousands of tons. Based on data collected in the National Emissions Data System (NEDS) on emissions sources. Point source data, which come from State air pollution control agencies, represent stationary facilities that are emitters of relatively large quantities (100 tons or more annually) of one or more air contaminants. Area sources are all sources not identified as point sources such as motor vehicles, aircraft, railroads, small stationary sources, forest fires, etc. Data will not agree with those shown in tables 357 and 358 due to different methodology employed]

EMISSIONS SOURCE	Par-tic-u-lates	Sulfur ox-ides	Nitro-gen ox-ides	Hydro-car-bons	Carbon monox-ide	EMISSIONS SOURCE	Par-tic-u-lates	Sulfur ox-ides	Nitro-gen ox-ides	Hydro-car-bons	Carbon monox-ide
Total.....	43,640	29,109	24,038	24,330	94,983	Chemical mfg.....	434	975	142	1,201	2,563
Area sources.....	37,715	2,170	12,350	18,706	85,547	Primary metal.....	533	2,548	58	95	2,608
Point sources.....	5,924	26,939	11,688	5,624	9,436	Petroleum ind.....	102	679	289	491	1,555
Fuel combustion.....	2,535	22,846	13,496	1,053	2,684	Solid waste disposal.....	487	56	120	745	2,507
Area sources.....	327	1,231	2,674	760	1,849	Area sources.....	390	19	79	673	2,062
Point sources.....	2,209	21,615	10,823	293	835	Point sources.....	97	38	41	72	445
External combustion.....	2,517	22,763	12,419	933	2,505	Residential (area) .....	356	11	66	645	1,990
Residential.....	222	193	360	40	1,527	Transport. (area) .....	6,100	912	9,354	8,273	73,581
Electric generation.....	1,412	17,899	7,877	58	296	Land vehicles .....	6,000	662	8,085	7,666	71,221
Industrial.....	777	3,907	3,788	821	603	Aircraft.....	70	13	125	186	948
Commercial/institutional.....	106	765	385	14	79	Vessels .....	30	237	143	421	1,411
Internal combustion.....	18	83	1,077	120	179	Other (area) .....	30,898	8	244	9,000	8,055
Industrial process (point) .....	3,619	5,286	824	5,259	8,156	Forest wildfires .....	599	5	141	845	4,931
						Solvent .....	-	-	-	6,660	-
						Gasoline station .....	-	-	-	978	-
						Unpaved roads .....	29,729	-	-	-	-

- Represents zero

<sup>1</sup> Includes sources not shown separately.<sup>2</sup> Evaporation loss.Source: U.S. Environmental Protection Agency, 1980 *National Emissions Report of the National Emissions Data System—EPA-450/4-82-070*, unpublished.

## NO. 357. NATIONAL AIR POLLUTANT EMISSIONS: 1970 TO 1981

[In millions of metric tons. Metric ton=1,1023 short tons]

POLLUTANT	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Carbon monoxide.....	112.8	112.4	111.7	108.9	103.8	100.2	104.8	102.5	101.7	98.2	95.0	90.5
Sulfur oxides.....	28.4	26.9	27.6	28.8	27.1	25.6	26.4	26.0	24.7	24.5	23.4	22.5
Volatile organic compounds.....	27.2	26.3	26.7	26.3	24.7	23.2	24.2	24.4	25.0	24.4	23.0	21.3
Particulates <sup>1</sup> .....	17.9	16.8	15.4	14.4	12.6	10.6	10.0	9.2	9.3	9.1	8.7	8.5
Nitrogen oxides.....	17.6	18.0	19.1	19.4	19.0	18.6	19.8	20.3	20.5	20.5	19.8	19.5

<sup>1</sup> Suspended particulate matter: Particles of smoke, dust, and fumes and droplets of viscous liquid remaining in the air for varying periods of time and ranging from less than 1 micron (1/25,000 inch) to 100 microns.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1970-1981*.

## NO. 358. AIR POLLUTANT EMISSIONS, BY POLLUTANT AND SOURCE: 1970 AND 1981

[In millions of metric tons, except percent. Metric ton=1,1023 short tons]

YEAR AND POLLUTANT	Total emissions	CONTROLLABLE EMISSIONS						Misc. uncontrollable	PERCENT OF TOTAL			
		Transportation		Fuel combustion <sup>1</sup>		Industrial processes	Solid waste disposal		Transpor-tation	Fuel com-bus-tion <sup>1</sup>	Indus-trial	
		Total	Road vehicles	Total	Electric utilities							
1970: Carbon monoxide.....	112.8	86.4	77.2	4.0	.2	9.0	6.4	7.0	76.6	3.5	8.0	
Sulfur oxides.....	28.4	.6	.3	21.3	15.8	6.4	(2)	.1	2.1	75.0	22.5	
Volatile organic compounds.....	27.2	11.8	10.5	.6	(2)	9.8	1.8	3.2	43.4	2.2	36.0	
Particulates <sup>2</sup> .....	17.9	1.2	.9	4.4	2.3	10.1	1.1	1.1	6.7	24.6	56.4	
Nitrogen oxides.....	17.6	7.1	5.5	9.1	4.5	.7	.4	.3	40.3	51.7	4.0	
1981: Carbon monoxide.....	90.5	69.5	62.3	6.3	.3	6.2	2.1	6.4	76.8	7.0	6.9	
Sulfur oxides.....	22.5	.8	.4	17.8	14.8	3.9	(2)	(2)	3.6	79.1	17.3	
Volatile organic compounds.....	21.3	7.7	6.3	.9	(2)	9.8	.6	2.3	36.2	4.2	46.0	
Particulates <sup>2</sup> .....	8.5	1.4	1.1	2.1	1.0	3.7	.4	.9	16.5	24.7	43.5	
Nitrogen oxides.....	19.5	8.5	6.6	10.1	6.6	.8	.1	.2	43.6	51.8	3.1	

Z. Less than 50,000 metric tons.

<sup>1</sup> Stationary.

<sup>2</sup> See footnote 1, table 357.

Source: U.S. Environmental Protection Agency, *National Air Pollutant Emission Estimates, 1970-81*.

## NO. 359. AIR QUALITY—DAYS BY LEVEL OF PSI FOR SELECTED SMSA'S: 1979 TO 1981

(Pollutant Standards Index (PSI) is a highly summarized health-related index based on the following criteria pollutants—carbon monoxide (CO), sulfur dioxide (SO<sub>2</sub>), total suspended particulates (TSP), photochemical oxidants or ozone (O<sub>3</sub>), and nitrogen dioxide (NO<sub>2</sub>). The PSI for one day will rise above 100 when any one of the 5 criteria pollutants (at only one station in an SMSA) reaches a level judged to have adverse short-term effects on human health. Depending on the pollutant, the time to exceed the standard varies from 1 to 24 hours. The health effect labels for PSI intervals are good or moderate for 0-99; unhealthy for 100-199; very unhealthy for 200-300; and hazardous for more than 300. For SMSA explanation, see Appendix III.)

STANDARD METROPOLITAN STATISTICAL AREA	NUMBER OF DAYS ACCORDING TO POLLUTANT STANDARDS INDEX (PSI)											
	1979				1980				1981			
	0-99	100-199	200-300	More than 300	0-99	100-199	200-300	More than 300	0-99	100-199	200-300	More than 300
Los Angeles, Calif.....	117	126	112	10	145	109	110	2	117	137	111	-
Riverside-San Bernardino-Ontario, Calif.....	158	102	103	3	195	78	92	1	181	92	92	-
New York, N.Y.-N.J.....	252	110	3	-	235	129	2	-	259	102	4	-
Denver, Colo.....	237	87	37	4	277	62	23	4	285	56	22	1
San Diego, Calif.....	269	98	10	-	(NA)	(NA)	(NA)	(NA)	296	67	2	-
Houston, Tex.....	247	94	23	1	268	80	21	-	298	47	20	-
Seattle-Everett, Wash.....	305	54	6	-	333	33	-	-	330	34	1	-
Philadelphia, Pa.-N.J.....	266	75	4	-	303	59	4	-	333	31	1	-
Portland, Oreg.-Wash.....	310	38	12	5	311	42	10	4	335	26	4	-
Salt Lake City, Utah.....	317	33	14	1	312	36	18	-	335	29	1	-
St. Louis, Mo.-Ill.....	273	67	21	-	311	49	6	-	339	23	2	1
Washington, D.C.-Md.-Va.....	318	44	3	-	297	67	2	-	344	21	-	-
Louisville, Ky.-Ind.....	307	56	2	-	307	56	3	-	345	19	1	-
Chicago, Ill.....	283	74	8	-	318	45	3	-	347	18	-	-
Milwaukee, Wis.....	332	32	1	-	350	14	2	-	354	10	1	-
Buffalo, N.Y.....	(NA)	(NA)	(NA)	(NA)	348	12	6	-	358	6	-	1
Kansas City, Mo.-Kans.....	(NA)	(NA)	(NA)	(NA)	329	36	1	-	361	4	-	-
Cincinnati, Ohio-Ky.-Ind.....	336	26	3	-	341	25	-	-	(NA)	(NA)	(NA)	(NA)
Sacramento, Calif.....	346	19	-	-	345	19	2	-	(NA)	(NA)	(NA)	(NA)
San Francisco, Calif.....	342	23	-	-	358	8	-	-	(NA)	(NA)	(NA)	(NA)
Tampa-St. Petersburg, Fla.....	357	6	2	-	361	5	-	-	(NA)	(NA)	(NA)	(NA)
Syracuse, N.Y.....	361	4	-	-	362	1	3	-	(NA)	(NA)	(NA)	(NA)
Rochester, N.Y.....	359	6	-	-	363	3	-	-	(NA)	(NA)	(NA)	(NA)

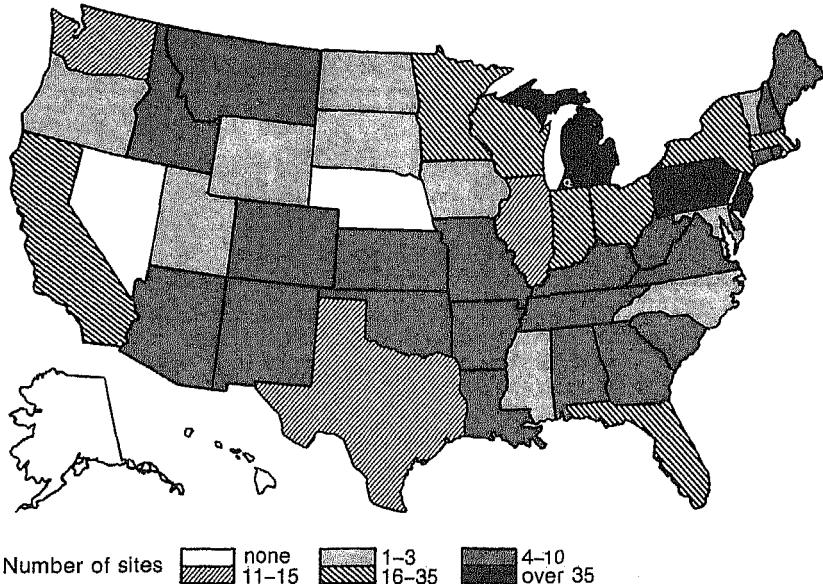
- Represents zero. NA Not available.

Source: U.S. Council on Environmental Quality, *Environmental Quality, 1980* and unpublished data.

Figure 7.2

### Hazardous Waste Sites — Number of Sites on National Priorities List: August 1983

[Represents targeted hazardous waste sites identified for action under the Comprehensive Environmental Response Compensation, and Liability Act of 1980 (also known as "Superfund"). Superfund is a national trust fund (about \$1.6 billion) established by Congress for cleaning up environmental problems when the public health or environment is threatened by hazardous wastes improperly disposed of in the past or by spills of hazardous substances]



Source: U.S. Environmental Protection Agency, *Hazardous Waste Sites, National Priorities List*, August 1983.

#### No. 360. SOLID WASTE DISPOSAL, BY SELECTED MANUFACTURING INDUSTRIES: 1974 TO 1981

[In thousands of short tons. Excludes recovered materials. Data include both wet and dry weight figures. Excludes apparel and other textile, and establishments with less than 20 employees]

INDUSTRY GROUP	1974	1975	1976	1977	1978	1979	1980	1981
All Industries.....	133,325	139,051	156,826	159,954	160,753	163,678	149,873	145,796
Food.....	11,501	12,641	14,965	13,088	13,392	13,971	14,410	13,155
Lumber and wood.....	6,887	8,143	9,328	6,311	6,662	6,506	5,893	6,419
Paper.....	8,837	9,123	10,146	10,648	10,947	13,253	12,251	11,299
Chemicals.....	38,155	38,695	50,282	55,719	48,803	45,407	43,431	43,673
Petroleum.....	2,388	2,038	2,592	2,873	3,585	3,075	4,873	4,667
Stone, clay, glass.....	9,337	11,345	11,088	12,617	12,742	14,143	13,336	12,098
Primary metal.....	40,800	42,708	42,953	41,742	46,068	47,763	37,523	35,967
Electric equipment.....	1,534	1,500	1,500	1,495	1,777	2,319	2,148	1,683
Transportation equipment.....	4,207	3,785	4,284	4,749	5,242	4,253	4,168	3,966

<sup>1</sup> Includes industries not shown separately.

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-200, annual.

## NO. 361. SOLID WASTE GENERATION, RECOVERY, AND DISPOSAL: 1960 TO 1980

[In millions of tons, except as indicated. Covers post-consumer residential and commercial solid wastes which comprise the major portion of typical municipal collections. Excludes mining, agricultural and industrial processing, demolition and construction wastes, sewage sludge, and junked autos and obsolete equipment wastes. Based on material-flows estimating procedure and wet weight as generated. NA Not available]

ITEM AND MATERIAL	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Gross waste generated.....	86.9	104.8	131.1	143.1	135.6	143.2	146.6	150.4	155.8	156.6
Per person per day (lb.).....	2.64	2.96	3.50	3.67	3.44	3.60	3.65	3.70	3.79	3.74
Net waste disposed of.....	80.8	98.4	123.4	132.6	126.7	132.5	134.9	138.9	143.6	142.8
Per person per day (lb.).....	2.45	2.77	3.30	3.40	3.21	3.33	3.36	3.42	3.50	3.44
Resources recovered.....	6.1	6.4	7.7	10.5	8.9	10.7	11.7	11.5	12.2	12.7
Per person per day (lb.).....	.18	.18	.21	.27	.23	.27	.29	.28	.30	.31
Percent of gross discards:										
Paper.....	18.8	15.8	16.0	16.3	15.5	16.1	19.8	20.1	20.0	20.6
Glass.....	1.4	1.2	1.3	2.5	2.7	2.7	3.4	3.3	3.5	4.9
Metal.....	.5	1.0	1.2	3.4	4.4	4.5	2.5	2.5	4.1	4.1
Aluminum.....	(NA)	(NA)	1.3	5.0	8.7	9.2	7.1	13.3	12.1	14.8
Rubber.....	5.7	12.5	8.2	6.1	6.9	3.9	3.4	3.3	4.0	3.9

Source: U.S. Environmental Protection Agency, unpublished data from Franklin Associates, Ltd., Prairie Village, Kans.

## NO. 362. SYNTHETIC ORGANIC PESTICIDES—PRODUCTION AND SALES: 1960 TO 1981

[Includes a small quantity of soil conditioners. Minus sign (—) indicates decrease]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Production, total .....	Mil. lb.....	648	877	1,034	1,603	1,364	1,388	1,416	1,429	1,468	1,430
Herbicides .....	Mil. lb.....	102	263	404	788	656	674	664	657	806	839
Insecticides .....	Mil. lb.....	366	490	490	660	566	570	605	617	506	448
Fungicides .....	Mil. lb.....	179	124	140	155	142	143	147	155	156	143
Production value <sup>1</sup> .....	Mil. dol.....	307	577	1,058	2,900	2,880	3,116	3,342	3,685	4,269	5,146
Sales, total.....	Mil. lb.....	570	784	881	1,317	1,193	1,263	1,300	1,369	1,406	1,291
Sales value <sup>1</sup> .....	Mil. dol.....	262	497	870	2,359	2,410	2,808	3,041	3,631	4,078	4,652

<sup>1</sup> Manufacturers unit value multiplied by production.

Source: U.S. Dept. of Agriculture, Agricultural Stabilization and Conservation Service, *The Pesticide Review*, 1981. Based on data from U.S. International Trade Commission, *Synthetic Organic Chemicals*, annual.

## NO. 363. PESTICIDE RESIDUES IN HUMAN ADIPOSE TISSUE—CONCENTRATION LEVELS: 1970 TO 1979

[In parts per million (ppm). Data based on a sample of measurements of pesticide residues and associated chemicals found in human tissue collected by medical pathologists from selected cities in the conterminous 48 states as part of the National Human Adipose Tissue Monitoring Program]

PESTICIDE RESIDUES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
DDT .....	8.07	8.24	7.06	6.09	5.34	4.97	4.60	3.47	3.91	3.64
Dieldrin .....	.23	.26	.22	.22	.18	.17	.15	.12	.12	.11
Oxychloroane .....	(NA)	.08	.14	.14	.14	.14	.14	.14	.12	.13
Heptachlor epoxide .....	.14	.11	.11	.11	.10	.11	.10	.09	.09	.10
trans-Nonachlor .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.17	.12	.16
beta-Benzene hexachloride .....	.47	.42	.33	.32	.28	.25	.26	.20	.20	.22
Hexachlorobenzene .....	(NA)	(NA)	(NA)	(NA)	.43	.45	.05	.05	.05	.05

NA Not available.

Source: U.S. Environmental Protection Agency, Office of Toxic Substances, "Trends of Organochlorine Pesticide Residues in Human Tissue," 1981, and unpublished data.

## NO. 364. THREATENED AND ENDANGERED WILDLIFE AND PLANT SPECIES—NUMBER: 1983

[As of Jan. 31. Endangered species: One in danger of becoming extinct throughout all or a significant part of its natural range. Threatened species: One likely to become endangered in the foreseeable future]

ITEM	Mammals	Birds	Reptiles	Amphibians	Fishes	Snails	Clams	Crustaceans	Insects	Plants
Endangered species, total .....	256	210	69	13	44	4	25	2	7	57
U.S. only .....	15	52	8	5	29	3	23	2	7	55
U.S. and foreign .....	18	14	6	—	4	—	—	—	—	2
Foreign only <sup>1</sup> .....	223	144	55	8	11	1	2	—	—	—
Threatened species, total .....	25	3	12	3	12	5	—	1	6	12
U.S. only .....	3	3	8	3	12	5	—	1	4	9
U.S. and foreign .....	—	—	4	—	—	—	—	2	2	1
Foreign only <sup>1</sup> .....	22	—	—	—	—	—	—	—	—	2

<sup>1</sup> Represents zero. <sup>1</sup> Species outside U.S. and outlying areas as determined by Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service, *Endangered Species Technical Bulletin*, Mar. 1983, vol. VIII, No. 4.

## Geography and Environment

**NO. 365. POLLUTION ABATEMENT AND CONTROL EXPENDITURES IN CURRENT AND CONSTANT (1972) DOLLARS, 1973 TO 1981, AND BY MEDIA, 1981**

[In millions of dollars, except percent. Excludes agricultural production of crops and livestock except feedlots]

TYPE	1973	1974	1975	1976	1977	1978	1979	1980	1981, pref.			
									Total <sup>1</sup>	Air	Water	Solid waste
<b>CURRENT DOLLARS</b>												
Total expenditures .....	21,930	26,261	30,923	34,681	37,962	43,416	49,904	56,061	60,326	29,494	21,724	9,971
Percent Government of total .....	28.3	28.4	28.2	27.8	26.5	27.6	26.1	24.1	21.0	3.3	35.8	31.2
Pollution abatement .....	20,537	24,678	29,167	32,677	35,652	40,833	47,082	53,003	57,154	28,142	20,972	9,668
Personal consumption .....	2,065	2,667	3,463	3,994	4,311	4,762	5,646	7,092	9,011	9,011	-	-
Durable goods .....	670	690	1,361	1,821	2,166	2,525	2,912	3,715	5,198	5,198	-	-
Nondurable goods and services .....	1,395	1,977	2,102	2,173	2,145	2,237	2,734	3,378	3,813	3,813	-	-
Business .....	13,097	15,527	18,134	20,335	22,761	25,692	30,066	34,324	37,532	18,630	13,844	6,845
On capital account .....	6,766	7,436	8,832	9,469	10,101	10,882	12,309	13,099	13,509	7,892	4,707	910
On current account .....	6,331	8,091	9,302	10,866	12,660	14,809	17,767	21,225	24,023	10,738	9,137	5,935
Government .....	5,375	6,484	7,570	8,348	8,580	10,390	11,350	11,587	10,611	500	7,128	2,824
Federal .....	203	294	432	472	490	472	548	495	533	94	244	66
State and local .....	1,433	1,591	1,752	1,834	1,963	2,212	2,461	2,772	3,066	-	278	2,758
Govt. enterprise fixed capital .....	3,738	4,598	5,387	6,042	6,128	7,697	8,341	8,321	7,012	406	6,606	-
Regulation and monitoring .....	490	595	653	725	833	949	1,067	1,296	1,399	334	513	240
Federal .....	278	346	381	402	429	507	593	793	840	108	293	153
Research and development .....	903	988	1,103	1,279	1,478	1,633	1,775	1,762	1,774	1,018	239	62
Private .....	569	608	608	706	849	985	1,143	1,107	1,102	883	108	14
Federal .....	269	342	448	528	578	592	564	591	644	135	121	44
<b>CONSTANT (1972) DOLLARS</b>												
Total expenditures .....	20,603	21,307	23,008	24,325	24,800	26,330	26,936	26,730	26,407	12,125	9,650	4,838
Pollution abatement .....	19,298	19,951	21,644	22,868	23,230	24,696	25,236	25,018	24,721	11,402	9,255	4,678
Personal consumption .....	1,965	2,116	2,589	2,857	2,945	3,066	3,100	3,344	4,094	4,094	-	-
Business .....	12,330	13,272	13,057	13,789	14,315	15,011	15,651	15,582	15,480	7,083	5,789	3,300
Government .....	5,002	5,463	5,998	6,221	5,970	6,619	6,466	6,092	5,147	226	3,467	1,378
Regulation and monitoring .....	456	515	517	538	577	620	653	728	731	168	267	127
Research and development .....	849	840	847	920	993	1,014	1,046	984	955	555	128	33

<sup>1</sup> Represents zero. <sup>2</sup> Includes "other and unallocated" expenditures (such as for noise, radiation, and pesticide pollution and business expenditures not assigned to media) which may be either positive or negative. Therefore, data may not add.

<sup>3</sup> Includes State and local governments, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1983.

**NO. 366. AIR AND WATER POLLUTION ABATEMENT AND CONTROL EXPENDITURES IN CONSTANT (1972) DOLLARS: 1973 TO 1981**

[In millions of dollars. See headnote, table 365]

YEAR	AIR						WATER						
	Total	Mobile sources <sup>1</sup>			Stationary sources			Total	Industrial			Public sewer systems <sup>3</sup>	
		Total	Cars	Trucks	Total <sup>2</sup>	Facilities	Operation of facilities		Facilities	Operation of facilities	Facilities	Operation of facilities	
1973 .....	7,130	2,869	2,501	368	4,261	2,786	1,328	8,214	1,585	1,021	4,246	1,363	
1974 .....	7,428	3,315	2,751	564	4,113	2,745	1,216	8,535	1,595	1,023	4,482	1,435	
1975 .....	8,514	4,119	3,362	757	3,495	2,926	1,317	9,298	1,945	1,062	4,765	1,524	
1976 .....	8,912	4,579	3,610	970	4,333	2,638	1,498	9,916	2,138	1,210	4,960	1,609	
1977 .....	9,104	4,820	3,711	1,109	4,284	2,457	1,621	9,923	2,050	1,337	4,795	1,740	
1978 .....	9,435	5,142	3,756	1,385	4,293	2,377	1,724	10,823	1,928	1,525	5,493	1,877	
1979 .....	9,974	5,425	3,717	1,708	4,549	2,496	1,829	10,641	1,809	1,617	5,323	1,892	
1980 .....	10,504	5,829	4,154	1,675	4,675	2,541	1,867	9,947	1,699	1,531	4,782	1,936	
1981, pref. ....	11,402	7,045	5,256	1,789	4,357	2,253	1,840	8,644	1,425	1,544	3,719	1,956	

<sup>1</sup> Excludes expenditures to reduce emissions from sources other than cars and trucks. <sup>2</sup> Includes other expenditures not shown separately. <sup>3</sup> Includes expenditures for private connectors to sewer systems, by owners of animal feedlots, and by government enterprises.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, February 1983.

## NO. 367. FEDERAL OUTLAYS FOR THE ENVIRONMENT, BY ACTIVITY: 1973 TO 1982

[In millions of dollars, except percent. Through 1976, for years ending June 30; thereafter, for years ending Sept. 30. Minus sign (-) denotes decrease]

ACTIVITY	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, est.
Total .....	3,701	4,908	5,995	7,481	9,212	10,777	11,982	12,757	12,501	11,823
Annual percent change .....	+28.9	32.6	22.1	24.8	23.1	17.0	11.2	6.5	-2.8	-5.4
Pollution abatement and control.....										
Percent Environmental Protection Agency .....	1,925	2,974	3,571	4,536	5,829	5,934	6,945	7,632	7,220	6,954
Aid to State and local governments.....	57.8	68.3	70.8	93.2	74.9	68.6	69.1	73.4	72.8	66.6
Research and development.....	908	1,867	2,189	2,769	3,967	3,972	4,769	5,177	4,671	4,500
Standard setting and enforcement.....	489	414	570	683	786	836	795	782	810	800
Reduction of pollution from Federal facilities.....	215	304	369	394	426	524	537	791	776	750
Other .....	174	301	334	478	457	431	550	471	488	506
Protection and enhancement.....										
Aid to State and local governments <sup>1</sup> .....	820	870	1,128	1,294	1,498	2,668	2,614	2,749	2,583	2,266
City recreation.....	248	333	403	392	426	847	856	891	1,063	851
Noncity general recreation.....	69	93	110	98	205	425	338	335	309	196
Historic preservation and rehabilitation.....	84	121	151	142	145	158	196	128	253	232
Direct Federal activities <sup>2</sup> .....	571	537	725	902	1,073	1,841	1,758	1,858	1,520	1,415
Noncity general recreation.....	172	128	189	264	325	372	449	456	319	310
Preservation and protection <sup>4</sup> .....	195	151	164	245	303	647	387	434	382	347
City recreation.....	46	108	145	139	113	132	196	212	206	213
Historic preservation and rehabilitation.....	53	41	60	39	73	63	133	112	100	101
Understanding, describing, and predicting <sup>3</sup> .....	956	1,065	1,296	1,651	1,885	2,155	2,423	2,376	2,698	2,603
Observation and prediction <sup>2</sup> .....	452	484	595	661	709	744	757	864	902	929
Locate and describe natural resources .....	250	260	351	423	490	688	861	650	902	739
Research on environmental impact on people, ecological and other basic environmental research.....	66	96	57	227	261	266	303	337	398	428
Physical environmental surveys .....	66	89	125	169	206	242	266	228	178	181
	103	115	146	199	197	214	214	292	292	302

<sup>1</sup> Change from 1972. <sup>2</sup> Includes funds for planning, monitoring and surveillance, and technical assistance. <sup>3</sup> Includes activities not shown separately. <sup>4</sup> Unique natural areas and endangered species. <sup>5</sup> Includes weather, ocean conditions, and earthquakes and other disturbances.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual, and unpublished data.

## NO. 368. FEDERAL OBLIGATIONS FOR POLLUTION ABATEMENT AND CONTROL: 1970 TO 1982

[In millions of dollars. For 1970 and 1975, year ending June 30; thereafter, for years ending Sept. 30. Obligations refer to liabilities, contracts, and other commitments entered into requiring payment of money by the Government]

MEDIA	1970	1975	1980	1981	1982 <sup>1</sup>	SELECTED POLLUTANTS <sup>2</sup>		1970	1975	1980	1981	1982 <sup>1</sup>
						Toxics.....	Solid wastes.....					
Total .....	1,071	6,103	8,195	7,455	6,954	Radiation.....		(X)	(X)	487	380	432
Water.....	677	5,179	6,192	5,373	4,729	Pesticides.....		20	174	356	535	718
Air.....	189	348	537	532	508	Noise.....		116	160	209	220	239
Land.....	35	57	117	131	147			30	59	127	140	122
Other .....	169	519	1,349	1,419	1,571			36	50	92	106	84

<sup>1</sup> Not applicable. <sup>2</sup> Estimated. <sup>3</sup> Funds for selected pollutants are included in media breakdown.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual, and unpublished data.

## NO. 369. GOVERNMENTAL EXPENDITURES FOR WATER, LAND, AND AIR QUALITY CONTROL ACTIVITIES: 1977 TO 1980

[In millions of dollars. For fiscal years ending in year stated. Covers regulatory, administrative, operational, and other activities directly related to the prevention, control, and abatement of water, land, and air pollution]

LEVEL OF GOVERNMENT	WATER QUALITY CONTROL				LAND QUALITY CONTROL <sup>1</sup>				AIR QUALITY CONTROL			
	1977	1978	1979	1980	1977	1978	1979	1980	1977	1978	1979	1980
Federal expenditures .....	4,318	4,413	4,829	5,564	125	132	163	214	256	323	353	408
Direct.....	467	490	557	689	118	116	120	177	200	263	263	302
Intergovernmental.....	3,851	3,923	4,272	4,875	7	16	43	38	56	60	90	107
State expenditures .....	862	818	986	1,025	134	148	188	237	189	185	166	323
Direct.....	381	406	439	526	120	128	164	207	178	171	152	309
Intergovernmental.....	481	412	547	499	14	20	24	30	11	14	14	13
Local expenditures <sup>2</sup> .....	6,466	6,834	8,498	9,546	2,937	2,780	3,014	3,400	32	35	35	36
Current operation.....	2,316	2,643	3,078	3,532	2,104	2,501	2,568	2,965	31	34	33	35
Capital outlay .....	4,150	4,191	5,420	6,014	233	279	346	435	1	1	1	1

<sup>1</sup> Includes collection, disposal, and recycling of trash, garbage, and other solid or hazardous waste, street cleaning, State government highway litter program, licensing and inspection, enforcement, etc. See footnote 2. <sup>2</sup> Direct expenditures. Water quality control represents sewerage; land quality control, "sanitation other than sewerage" activities; and air quality control, expenditures only for cities with at least 300,000 population and counties with at least 500,000 population.

Source: U.S. Bureau of the Census, *Environmental Quality Control, Governmental Finances: Fiscal Year 1976-77* (GSS No. 90), *Fiscal Year 1977-78* (GSS No. 97), *Fiscal Year 1978-79* (GSS No. 101), and *Fiscal Year 1979-80* (GSS No. 103).

## No. 370. NEW CAPITAL BUSINESS EXPENDITURES FOR POLLUTION ABATEMENT: 1975 TO 1982

INDUSTRY	POLLUTION ABATEMENT EXPENDITURES (bil. dol.)									PERCENT OF TOTAL CAPITAL OUTLAYS BY BUSINESS <sup>1</sup>		
						1982				1975	1980	1982
	1975	1978	1979	1980	1981	Total	Air	Water	Solid waste			
<b>Total nonfarm business</b> .....	<b>6.97</b>	<b>7.58</b>	<b>8.42</b>	<b>9.20</b>	<b>8.93</b>	<b>8.49</b>	<b>4.69</b>	<b>2.98</b>	<b>.82</b>	<b>4.4</b>	<b>3.1</b>	<b>2.7</b>
Manufacturing .....	4.93	4.44	4.82	5.52	5.42	4.72	2.28	1.94	.51	9.0	4.8	3.9
Durable goods <sup>2</sup> .....	1.90	1.74	2.00	2.27	1.97	1.76	.92	.69	.14	7.2	3.8	3.1
Primary metals .....	1.02	.79	.92	.98	.78	.76	.45	.27	.03	17.5	12.7	10.2
Electrical machinery .....	.09	.10	.11	.16	.18	.15	.06	.08	.02	2.8	1.6	1.5
Machinery, exc. electrical .....	.09	.13	.14	.15	.15	.18	.09	.09	.03	1.8	1.3	1.4
Transportation equipment .....	.16	.28	.41	.52	.46	.40	.21	.16	.03	2.7	2.9	2.6
Stone, clay, and glass .....	.22	.23	.21	.25	.16	.08	.05	.05	.02	13.3	6.6	3.1
Nondurable goods <sup>2</sup> .....	3.03	2.70	2.82	3.25	3.46	2.96	1.36	1.25	.36	10.6	5.7	4.7
Food, incl. beverage .....	.29	.34	.27	.27	.30	.38	.17	.15	.04	7.2	3.7	4.9
Paper .....	.50	.29	.40	.39	.38	.30	.15	.09	.06	16.7	5.8	5.0
Chemicals .....	.82	.73	.63	.73	.73	.67	.32	.27	.07	10.8	5.8	5.0
Petroleum .....	1.27	1.20	1.38	1.71	1.76	1.50	.67	.67	.16	13.2	6.3	5.6
Rubber .....	.05	.07	.05	.03	.04	.04	.02	.01	.01	4.2	1.9	2.3
Nonmanufacturing .....	2.04	3.14	3.60	3.68	3.51	3.77	2.41	1.04	.32	2.0	2.1	1.9
Mining .....	.14	.42	.51	.48	.46	.52	.21	.20	.11	2.3	3.6	3.4
Transportation .....	.11	.11	.10	.11	.09	.14	.08	.05	.01	1.2	.9	1.2
Public utilities .....	1.51	2.39	2.75	2.88	2.80	3.00	2.07	.77	.15	7.5	8.1	7.2
Communication and other .....	.29	.23	.23	.21	.14	.11	.05	.03	.03	.9	.3	.1

<sup>1</sup> Based on outlays reported in source; see also table 915.<sup>2</sup> Includes industries not shown separately.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1983 and earlier issues.

## No. 371. POLLUTION ABATEMENT CAPITAL EXPENDITURES AND OPERATING COSTS, BY SELECTED MANUFACTURING INDUSTRY GROUP: 1981

[In millions of dollars. Based on probability sample of about 20,000 manufacturing establishments. Excludes apparel and other textile establishments and establishments with less than 20 employees. Data will not agree with those shown in table 370; see source for details.]

INDUSTRY GROUP	POLLUTION ABATEMENT CAPITAL EXPENDITURES				POLLUTION ABATEMENT GROSS OPERATING COSTS <sup>1</sup>			
	Total	Air	Water	Solid waste	Total	Air	Water	Solid waste
All industries <sup>2</sup> .....	3,484.9	2,193.6	1,028.4	263.1	9,109.9	3,697.8	3,554.3	1,855.7
Food .....	173.5	53.9	104.8	14.8	579.1	78.3	343.3	157.5
Lumber and wood .....	76.5	49.2	10.5	18.8	134.7	43.2	26.9	54.6
Paper .....	285.5	168.0	86.5	31.1	829.7	211.8	469.9	146.0
Chemicals .....	752.8	335.0	322.2	95.6	2,047.8	571.9	1,069.1	406.9
Petroleum .....	590.6	440.8	131.7	18.2	1,685.5	1,118.0	437.2	130.2
Stone, clay, glass .....	186.5	165.6	13.8	9.2	310.7	191.0	47.5	72.5
Primary metal .....	728.2	567.2	144.1	16.9	1,911.8	1,111.9	549.2	250.7
Electric equipment .....	97.1	48.7	41.0	7.4	247.1	51.8	106.2	80.8
Transportation equipment .....	283.3	209.2	60.0	14.2	426.1	117.5	150.7	157.7

<sup>1</sup> Includes payments to governmental units.<sup>2</sup> Includes industries not shown separately.Source: U.S. Bureau of the Census, *Current Industries Reports*, series MA-200, annual.

## No. 372. TORNADOES, FLOODS, AND TROPICAL CYCLONES: 1946 TO 1981

[See also *Historical Statistics, Colonial Times to 1970*, series J 268-278]

ITEM	1946-55	1956-65	1966-75	1973	1974	1975	1976	1977	1978	1979	1980	1981
Tornadoes, number <sup>1</sup> .....	2,969	6,572	8,030	1,102	947	920	835	852	788	852	866	783
Lives lost, total .....	1,751	924	1,172	87	361	60	44	43	53	84	28	24
Most in a single tornado .....	169	44	58	7	34	9	5	22	16	42	5	5
Property loss of \$500,000 and over .....	130	191	428	76	107	42	46	46	59	73	92	66
Floods: Lives lost .....	808	557	1,528	105	121	114	187	212	125	103	97	80
Property loss (mil. dol.) .....	3,350	2,721	10,225	859	576	1,051	1,000	1,393	1,000	4,000	1,500	1,000
North Atlantic tropical cyclones and hurricanes: <sup>2</sup> .....												
Number reaching U.S. coast .....	40	33	25	1	1	1	2	1	2	5	2	2
Hurricanes only .....	21	14	13	-	1	1	1	1	-	3	1	-
Lives lost in U.S. ....	495	692	504	5	1	21	9	-	35	11	2	-

<sup>1</sup> Represents zero. <sup>2</sup> A violent, rotating column of air descending from a cumulonimbus cloud in the form of a tubular or funnel-shaped cloud, usually characterized by movements along a narrow path and wind speeds from 100 to over 300 miles per hour. Also known as a "twister" or "waterspout." <sup>2</sup> Tropical cyclones have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.

Source: U.S. National Oceanic and Atmospheric Administration, 1946-1980, *Climatological Data: National Summary*, monthly with annual summary; thereafter, *Storm Data*, monthly.

## NO. 373. NORMAL DAILY MEAN TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 110-136 and J 164-267, for related data.]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	50.8	53.6	60.1	68.0	74.9	80.5	82.2	81.8	78.2	68.5	58.6	53.1	67.5
Alaska	Juneau	21.8	27.8	31.2	39.1	46.5	52.7	55.7	54.6	49.2	41.8	32.7	26.7	40.0
Ariz.	Phoenix	52.3	56.1	60.6	68.0	77.0	86.5	92.3	89.9	84.6	73.4	60.6	53.3	71.2
Ark.	Little Rock	39.9	44.1	52.2	62.4	70.5	78.5	82.1	81.0	74.3	63.1	51.2	43.2	61.9
Calif.	Los Angeles	56.0	57.1	57.4	59.5	62.4	65.6	69.0	70.3	69.5	66.3	61.2	57.0	62.6
	Sacramento	45.3	50.3	53.2	58.2	64.9	71.2	75.6	74.7	71.7	63.9	53.0	46.6	60.6
	San Francisco	48.5	51.6	52.8	54.8	57.8	60.8	62.2	63.0	63.9	60.6	54.5	49.2	56.6
Colo.	Denver	29.5	33.6	38.0	47.4	57.2	67.0	73.3	71.4	62.6	51.9	38.7	32.6	50.3
Conn.	Hartford	25.2	27.6	36.8	48.6	59.4	68.6	73.4	71.3	63.3	52.4	41.6	29.1	49.8
Del.	Wilmington	31.2	33.2	41.8	52.4	62.2	71.2	76.0	74.8	67.9	56.3	45.6	35.5	54.0
D.C.	Washington	35.2	37.5	45.8	56.7	66.0	74.5	78.9	77.6	71.1	59.3	48.7	38.9	57.5
Fla.	Jacksonville	53.2	55.1	61.3	67.7	74.1	79.0	81.3	81.0	78.2	69.5	60.8	54.8	68.0
	Miami	67.1	67.8	71.7	75.3	78.5	81.0	82.4	82.8	81.8	77.9	72.8	68.5	75.6
Ga.	Atlanta	41.9	44.9	52.5	61.8	69.3	75.8	78.6	78.2	73.0	62.2	52.0	44.5	61.2
Hawaii	Honolulu	72.6	72.9	74.4	75.7	77.5	79.1	80.1	81.0	80.6	79.5	76.6	74.0	77.0
Idaho	Boise	29.9	36.1	41.4	48.6	57.4	65.8	74.6	72.0	63.2	51.9	39.7	32.0	51.1
Ill.	Chicago	21.4	26.0	36.0	48.8	59.1	66.8	73.0	71.9	64.7	53.5	39.8	27.7	49.2
	Peoria	21.5	26.8	37.3	51.3	61.6	71.2	75.0	73.1	65.6	53.9	39.8	27.8	50.4
Ind.	Indianapolis	26.0	29.9	40.0	52.4	62.5	71.6	75.1	73.2	66.6	54.8	41.8	31.5	52.1
Iowa	Des Moines	18.6	24.5	35.1	50.5	62.1	71.6	76.3	73.9	65.1	54.2	38.6	25.7	49.7
Kans.	Wichita	29.6	35.1	44.1	56.3	65.9	76.1	81.4	79.7	70.6	59.1	44.3	34.4	56.4
Ky.	Louisville	32.5	35.9	45.1	56.6	65.4	73.7	77.6	76.4	69.9	57.7	48.1	37.2	56.2
La.	New Orleans	52.4	54.7	61.4	68.7	74.9	80.3	82.1	81.7	78.5	69.2	60.0	54.6	68.2
Maine	Portland	21.5	23.0	32.1	42.8	52.8	62.2	68.1	66.6	58.6	48.4	38.4	25.4	45.0
Md.	Baltimore	32.7	34.7	43.3	54.0	63.4	72.2	76.8	75.6	68.9	56.9	46.3	36.5	55.1
Mass.	Boston	29.6	30.7	38.4	48.7	58.5	68.0	73.5	71.9	64.6	54.8	45.2	33.7	51.5
Mich.	Detroit	23.4	25.8	35.0	47.4	58.1	67.7	71.9	70.5	63.3	51.9	39.5	28.5	48.6
	Sault Ste. Marie	13.3	14.3	23.0	38.1	49.7	58.4	63.5	62.9	54.8	45.3	32.8	19.7	39.7
Minn.	Duluth	6.3	12.0	22.9	38.3	50.3	59.4	65.3	63.2	54.0	44.2	29.2	13.8	38.2
	Minneapolis-St. Paul	11.2	17.5	29.2	48.0	58.5	68.1	73.1	70.6	60.6	49.6	39.2	19.2	44.7
Miss.	Jackson	45.7	49.1	56.3	65.1	72.5	79.2	81.9	81.2	76.4	65.0	54.9	48.6	64.6
Mo.	Kansas City	25.9	32.1	41.6	54.8	64.6	73.6	78.5	76.7	68.4	57.5	43.1	31.9	54.1
	St. Louis	28.8	33.8	43.2	56.1	65.6	74.8	78.9	77.0	69.7	57.9	44.6	34.2	55.4
Mont.	Great Falls	18.7	26.7	31.4	42.7	53.2	61.9	69.3	67.5	57.4	47.9	34.0	25.7	44.7
Nebr.	Omaha	20.2	27.2	37.3	52.2	63.3	73.0	77.7	75.2	65.8	54.5	39.5	27.2	51.1
Nev.	Reno	32.2	37.4	40.6	46.4	54.6	62.4	69.5	66.9	60.2	50.3	39.7	32.5	49.4
N.H.	Concord	19.9	22.2	32.1	44.1	55.2	64.7	69.5	67.3	59.1	48.2	37.3	24.5	45.3
N.J.	Atlantic City	31.8	33.2	41.0	51.0	60.5	69.2	74.4	73.0	66.6	55.5	45.6	35.8	53.1
N. Mex.	Albuquerque	34.8	39.4	46.2	55.1	64.3	74.5	78.8	76.1	69.0	57.4	44.0	35.6	56.2
N.Y.	Albany	21.1	23.4	33.6	46.6	57.5	66.7	71.4	69.2	61.2	50.5	39.3	26.5	47.3
	Buffalo	23.5	24.5	33.0	45.4	56.1	68.0	70.7	68.9	62.1	51.5	40.3	28.8	47.6
	New York <sup>1</sup>	31.8	33.4	41.4	52.4	62.5	71.4	76.7	75.4	68.3	57.7	47.2	36.2	54.5
N.C.	Charlotte	40.5	42.9	50.4	60.3	68.2	75.0	78.5	77.9	72.0	60.7	50.7	42.6	60.0
N. Dak.	Bismarck	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
Ohio	Cincinnati	30.3	33.5	43.0	54.7	64.3	72.4	76.1	75.0	68.5	56.7	44.6	34.9	54.5
	Cleveland	25.5	27.4	36.6	48.1	58.2	67.6	71.6	70.4	64.1	53.2	41.1	31.9	49.5
Oklta.	Columbus	27.1	29.8	40.0	51.4	61.4	70.2	73.8	72.4	65.8	53.9	42.1	32.1	51.7
Oreg.	Oklahoma City	35.9	40.8	49.1	60.2	68.4	77.0	82.1	81.1	73.3	62.3	48.1	39.9	59.9
Pa.	Portland	38.9	43.2	45.9	50.4	56.7	62.5	67.7	67.3	62.7	54.3	45.5	40.9	53.0
	Philadelphia	31.2	33.1	41.8	52.9	62.8	71.6	76.5	75.3	68.2	56.5	45.6	35.5	54.3
R.I.	Pittsburgh	26.7	28.8	38.5	50.1	59.7	68.1	72.0	70.6	64.1	52.5	41.6	31.4	50.3
S.C.	Providence	28.2	29.3	37.4	47.9	57.6	66.8	72.5	71.1	63.5	53.2	43.4	32.3	50.3
S. Dak.	Columbia	44.7	47.1	54.5	63.8	71.5	77.7	81.0	80.2	74.8	63.4	53.9	46.7	63.3
Tenn.	Sioux Falls	12.4	19.1	30.4	46.3	58.2	68.4	74.0	71.8	61.0	49.4	39.0	19.7	45.3
	Memphis	39.6	43.5	51.7	62.6	71.0	79.7	82.1	80.6	74.2	62.9	51.3	43.3	61.8
	Nashville	37.1	40.4	49.0	59.6	68.1	75.8	79.4	78.4	72.3	60.2	48.6	40.9	59.2
Tex.	Dallas-Fort Worth	44.0	48.5	56.1	65.9	73.7	82.0	86.3	85.5	78.6	67.9	55.6	47.8	66.0
	El Paso	44.2	48.4	55.1	63.6	71.9	80.8	82.5	80.3	74.1	63.6	51.4	44.4	63.4
	Houston	51.4	54.5	61.0	68.7	74.9	80.8	83.1	82.6	78.4	69.7	60.1	54.0	68.3
Utah	Salt Lake City	28.6	34.1	40.7	49.2	58.8	68.3	77.5	74.9	65.0	53.0	39.7	30.3	51.7
Vt.	Burlington	16.6	18.	29.2	42.7	55.2	64.9	69.6	67.1	58.1	47.9	36.6	22.6	44.1
Va.	Norfolk	39.9	41.1	48.5	58.2	66.4	74.3	78.4	77.7	72.2	61.3	51.9	43.5	59.5
	Richmond	36.6	38.9	47.2	57.9	66.1	73.5	77.8	76.8	70.2	58.6	48.9	39.9	57.7
Wash.	Seattle-Tacoma	39.1	42.8	44.2	48.7	55.0	60.2	64.8	64.1	60.0	52.5	44.8	41.0	51.4
	Spokane	25.7	32.4	37.6	45.8	54.3	61.7	69.7	68.1	59.4	47.6	34.9	29.0	47.2
W. Va.	Charleston	32.9	35.6	44.8	55.3	63.9	71.0	74.5	73.7	67.6	55.9	45.3	36.9	54.8
Wis.	Milwaukee	18.7	23.0	32.1	44.6	54.8	64.9	70.5	69.3	61.9	50.9	37.3	25.1	46.1
Wyo.	Cheyenne	26.1	29.3	32.1	41.8	52.2	62.0	68.9	66.8	57.9	47.5	34.8	28.3	45.7
P.R.	San Juan	76.5	76.6	77.5	78.8	80.3	81.7	82.0	82.2	81.9	81.4	79.6	77.7	79.7

<sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

## Geography and Environment

## NO. 374. NORMAL DAILY MAXIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	60.6	63.9	70.5	78.3	81.9	90.2	91.2	90.7	87.0	79.4	69.3	63.1	77.4
Alaska	Juneau	27.4	33.7	37.4	46.8	54.7	61.1	64.0	62.6	55.0	47.0	37.5	31.5	46.6
Ariz.	Phoenix	65.2	69.7	74.5	83.1	92.4	102.3	105.0	102.3	98.2	87.7	74.3	64.4	85.1
Ark.	Little Rock	49.8	54.5	63.2	73.8	81.7	89.5	92.7	92.3	85.6	75.8	62.4	53.2	72.9
Calif.	Los Angeles	64.6	65.5	65.1	66.7	69.1	72.0	75.5	76.5	76.4	74.0	70.3	66.1	70.1
	Sacramento	52.6	59.4	64.1	71.0	79.7	87.4	93.3	91.7	87.6	77.7	63.2	53.2	73.4
	San Francisco	55.5	59.0	60.6	63.0	66.3	69.6	71.0	71.8	73.4	70.0	62.7	56.3	64.9
Colo.	Denver	43.1	46.9	51.2	56.0	61.0	70.7	71.6	88.0	85.8	77.5	66.8	52.4	46.1
Conn.	Hartford	33.6	36.3	45.5	60.0	71.4	80.1	84.8	82.6	74.8	63.9	50.6	37.3	60.1
Del.	Wilmington	39.2	41.8	50.9	63.0	72.7	81.2	85.6	84.1	77.8	66.7	54.8	43.6	63.5
D.C.	Washington	42.9	45.9	55.0	67.1	75.9	84.0	87.9	86.4	80.1	68.9	57.4	46.6	66.5
Fla.	Jacksonville	64.6	66.8	73.3	79.7	85.2	88.9	90.7	90.2	86.9	79.7	72.4	66.3	78.7
	Miami	75.0	75.8	79.3	82.4	85.1	87.3	88.7	89.2	87.8	84.2	79.8	76.2	82.6
Ga.	Atlanta	51.2	55.3	63.2	73.2	79.8	85.6	87.9	87.6	82.3	72.9	62.6	54.1	71.3
Hawaii	Honolulu	79.9	80.4	81.4	82.7	84.8	86.5	87.1	88.3	88.1	85.7	83.9	81.4	84.2
Idaho	Boise	37.1	44.3	51.8	60.8	70.8	79.8	90.6	87.3	77.6	64.6	49.0	39.3	62.8
Ill.	Chicago	29.2	33.9	44.3	58.8	70.0	79.4	83.3	82.1	75.5	64.1	48.2	35.0	58.7
Ind.	Indianapolis	34.2	38.5	49.3	63.1	73.4	82.3	85.2	83.7	77.9	66.1	50.8	39.2	62.0
Iowa	Des Moines	27.0	33.2	44.2	61.0	72.6	81.8	86.2	84.0	75.7	65.0	47.6	33.7	59.3
Kans.	Wichita	39.8	46.1	55.8	68.1	77.1	87.4	92.9	91.5	82.0	71.2	55.1	44.6	67.6
Ky.	Louisville	40.8	45.0	54.9	67.5	76.2	84.0	87.6	86.7	80.6	69.2	55.5	45.4	66.1
La.	New Orleans	61.8	64.5	71.2	78.6	84.5	89.5	90.7	90.2	86.8	79.4	70.1	64.4	77.7
Maine	Portland	31.0	33.1	40.5	52.5	63.4	72.8	78.9	77.5	69.6	59.0	47.1	34.9	55.0
Md.	Baltimore	41.0	43.7	53.1	65.1	74.2	82.9	87.1	85.5	79.1	67.7	55.9	45.1	65.0
Mass.	Boston	36.4	37.7	45.0	56.6	67.0	75.6	81.8	79.8	72.3	62.5	51.6	40.3	59.0
Mich.	Detroit	30.6	33.5	43.4	57.7	69.4	79.0	83.1	81.5	74.4	62.5	47.6	35.4	58.2
	Sault Ste. Marie	21.2	23.1	32.2	47.1	61.0	70.1	75.1	73.4	64.2	53.6	39.0	26.6	48.9
Minn.	Duluth	15.5	21.7	31.9	47.6	61.3	70.5	76.4	73.6	63.6	53.0	35.2	21.8	47.7
	Minneapolis-St. Paul	19.9	26.4	37.5	56.0	69.4	78.5	83.4	80.9	71.0	59.7	41.1	26.7	54.2
Miss.	Jackson	56.5	60.9	68.4	77.3	84.1	90.5	92.5	92.1	87.6	78.6	67.5	60.0	76.3
Mo.	Kansas City	34.5	41.1	51.3	65.1	74.6	83.3	88.5	86.8	78.6	67.9	52.1	40.1	63.7
Mont.	Great Falls	28.2	36.5	41.7	54.0	65.3	74.3	84.2	82.0	70.5	59.5	43.5	34.7	56.2
Nebr.	Omaha	30.2	37.3	47.7	64.0	74.7	84.2	88.5	86.2	77.5	67.0	50.3	36.9	62.0
Nev.	Reno	44.8	51.1	55.8	63.3	72.3	81.8	91.3	88.7	81.4	70.0	55.6	46.2	66.9
N.H.	Concord	30.8	33.2	41.9	56.5	68.9	77.7	82.6	80.1	71.9	61.0	47.2	34.4	57.2
N.J.	Atlantic City	40.6	42.4	50.3	61.6	71.0	79.6	84.0	82.5	76.7	66.1	55.4	45.0	62.9
N. Mex.	Albuquerque	47.2	52.9	60.7	70.6	79.9	90.6	92.8	89.4	83.0	71.7	57.2	48.0	70.3
N.Y.	Albany	30.2	32.7	42.5	57.6	69.5	78.3	83.2	80.7	72.8	61.5	47.8	34.6	57.6
	Buffalo	30.0	31.4	40.4	54.4	65.9	75.6	80.2	78.2	71.4	60.2	47.0	35.0	55.8
	New York <sup>1</sup>	38.0	40.1	48.6	61.1	71.5	80.1	85.3	83.7	76.4	65.6	53.6	42.1	62.2
N.C.	Charlotte	50.3	53.6	61.6	72.1	79.1	85.2	88.3	87.6	81.7	71.7	61.7	52.6	70.5
	Raleigh	50.1	52.8	61.0	72.3	79.0	85.2	88.2	87.1	81.6	71.6	61.8	52.7	70.3
N. Dak.	Bismarck	17.5	25.2	36.4	54.2	67.7	76.8	84.4	83.3	71.4	59.3	39.4	25.9	53.5
Ohio	Cincinnati	38.0	42.0	52.3	65.2	75.0	82.9	86.3	85.7	74.8	67.4	52.8	42.2	64.1
	Cleveland	32.5	34.8	44.8	57.9	68.5	78.0	81.7	80.3	74.2	62.7	49.3	37.5	58.5
Oklahoma	Oklahoma City	34.7	38.1	49.3	62.3	72.6	81.3	84.4	83.0	76.9	65.0	50.7	39.4	61.5
Oreg.	Portland	44.3	50.4	54.5	60.2	66.9	72.7	79.5	78.6	74.2	63.9	52.3	46.4	62.0
Pa.	Philadelphia	38.6	41.6	50.5	63.2	73.0	81.7	86.1	84.6	77.8	66.5	54.5	43.0	63.4
R.I.	Pittsburgh	34.1	36.8	47.6	60.7	70.8	79.1	82.7	81.1	74.8	62.9	49.8	38.4	59.9
S.C.	Providence	36.4	37.7	45.5	57.5	67.6	76.5	81.7	80.3	73.1	63.2	51.9	40.5	59.3
S. Dak.	Columbia	56.2	59.5	67.1	77.0	83.8	89.2	91.9	91.0	85.5	76.5	67.1	58.8	75.3
Tenn.	Sioux Falls	22.9	29.3	40.1	58.1	70.5	80.3	86.2	83.9	73.5	62.1	43.7	29.3	56.7
	Memphis	48.3	53.0	61.4	72.9	81.0	88.4	91.5	90.3	84.3	74.5	61.4	52.3	71.6
	Nashville	46.3	50.7	59.6	71.2	79.2	86.7	89.8	89.0	83.2	72.3	59.2	50.4	69.8
Tex.	Dallas-Fort Worth	54.0	59.1	67.2	76.8	84.4	93.2	97.8	97.3	89.7	79.5	66.2	58.1	76.9
	El Paso	57.9	62.7	69.6	78.7	85.9	95.3	93.0	87.5	78.5	65.7	58.2	77.5	
	Houston	61.9	65.7	72.1	79.0	85.1	90.9	93.6	93.1	88.7	81.9	71.6	65.2	79.1
Utah	Salt Lake City	37.4	43.7	51.5	61.1	72.4	83.3	93.2	90.0	80.0	66.7	50.2	38.9	64.0
Vt.	Burlington	25.4	27.3	37.7	52.6	68.4	75.9	80.5	77.8	68.8	57.0	43.6	30.3	53.6
Va.	Norfolk	48.1	49.9	57.5	68.2	75.7	83.2	86.9	85.7	80.2	69.8	60.8	51.9	68.2
	Richmond	46.7	49.6	58.5	70.6	77.9	84.8	88.4	87.1	81.0	70.5	60.5	50.2	68.8
Wash.	Seattle-Tacoma	43.9	46.8	51.1	56.8	64.0	69.2	75.2	73.9	68.7	59.5	50.3	45.6	56.9
	Spokane	31.3	39.0	46.2	56.7	66.1	74.0	84.0	81.7	72.4	58.3	41.4	34.2	57.1
W. Va.	Charleston	41.8	45.4	55.4	67.3	76.0	82.5	85.2	84.2	78.7	67.7	55.6	45.9	65.5
Wis.	Milwaukee	26.0	30.1	39.2	53.5	64.8	75.0	79.8	78.4	71.2	59.9	44.7	32.0	54.6
Wyo.	Cheyenne	37.3	40.7	43.6	54.0	64.6	75.4	83.1	80.8	72.1	61.0	46.5	40.4	58.3
P.R.	San Juan	82.7	83.2	84.2	85.2	86.7	88.0	87.9	88.2	88.2	87.9	85.7	83.6	86.0

<sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

## No. 375. NORMAL DAILY MINIMUM TEMPERATURE—SELECTED CITIES

[In Fahrenheit degrees. Airport data except as noted. Based on standard 30-year period, 1951 through 1980]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.	Mobile	40.9	43.2	49.8	57.7	64.8	70.8	73.2	72.9	69.3	57.5	47.9	42.9	57.6
Alaska	Juneau	16.1	21.9	25.0	31.3	38.1	44.2	47.4	46.6	42.3	36.5	28.0	22.1	33.3
Ariz.	Phoenix	39.4	42.5	46.7	53.0	61.5	70.6	79.5	77.5	70.9	59.1	46.9	40.2	57.3
Ark.	Little Rock	29.9	33.6	41.2	50.9	58.2	67.5	71.4	69.6	63.0	50.4	40.0	33.2	50.8
Calif.	Los Angeles	47.3	48.6	49.7	52.2	55.7	59.1	62.6	64.0	62.5	58.5	52.1	47.8	56.0
	Sacramento	37.9	41.2	42.4	45.3	50.1	55.1	57.9	57.6	55.8	50.0	42.8	37.9	47.8
	San Francisco	41.5	44.1	49.6	48.6	49.3	52.0	53.3	54.2	54.3	51.2	46.3	42.2	48.3
Colo.	Denver	15.9	20.2	24.7	33.7	43.6	52.4	58.7	57.0	47.7	36.9	25.1	18.9	36.2
Conn.	Hartford	16.7	18.8	20.0	37.6	47.3	57.0	61.9	60.0	51.7	40.8	32.5	20.9	39.5
Del.	Wilmington	23.2	24.6	32.6	41.8	51.7	61.2	66.3	65.4	58.0	45.9	36.4	27.3	34.5
D.C.	Washington	27.5	29.0	35.6	46.2	56.1	65.0	69.9	68.7	62.0	49.7	39.9	31.2	46.5
Fla.	Jacksonville	41.7	43.3	49.3	55.7	63.0	69.1	71.8	71.8	68.4	59.2	49.2	43.2	57.2
	Miami	59.2	59.7	64.1	68.2	71.9	74.6	76.2	76.5	75.5	71.6	65.8	60.8	68.7
Ga.	Atlanta	32.6	34.5	41.7	50.4	58.7	65.9	69.2	68.7	63.6	51.4	41.3	34.8	51.1
Hawaii	Honolulu	65.3	65.3	67.3	68.7	70.2	71.9	73.1	73.6	72.2	72.2	69.2	66.5	69.7
Idaho	Boise	22.6	27.9	30.9	36.4	44.0	51.8	58.5	56.7	48.7	39.1	30.5	24.6	39.3
Ill.	Chicago	13.6	18.1	27.6	38.8	48.1	57.7	62.7	61.7	53.9	42.9	31.4	20.3	39.7
	Peoria	13.3	18.4	28.1	40.6	50.8	60.2	64.6	62.7	54.5	42.9	30.9	20.2	40.6
Ind.	Indianapolis	17.8	21.1	30.7	41.7	51.5	60.9	64.9	62.7	55.3	43.4	32.8	23.7	42.2
Iowa	Des Moines	10.1	15.8	25.0	39.9	51.6	61.4	66.3	63.7	54.4	43.3	29.5	17.6	40.0
Kans.	Wichita	19.4	24.1	32.4	44.5	54.6	64.7	68.9	67.9	59.2	46.9	33.5	24.2	45.1
Ky.	Louisville	24.1	26.8	35.2	45.6	54.6	63.3	67.5	66.1	59.1	46.2	36.6	28.9	46.2
La.	New Orleans	43.0	44.8	51.6	58.8	65.3	70.9	73.5	73.1	70.1	58.0	49.9	44.8	58.7
Maine	Portland	11.9	12.9	23.7	33.0	42.1	51.4	57.3	55.8	47.7	37.9	29.6	16.7	35.0
Md.	Baltimore	24.3	25.7	33.4	42.9	52.5	61.5	66.5	65.7	58.6	46.1	36.8	27.9	45.1
Mess.	Boston	22.8	23.7	31.8	40.8	50.0	59.3	65.1	63.8	56.9	47.1	38.7	27.1	43.9
Mich.	Detroit	16.1	18.0	26.5	36.9	45.7	56.3	60.7	59.4	52.2	41.2	31.4	21.6	38.9
	Sault Ste. Marie	5.4	5.3	15.4	29.0	38.3	46.7	51.9	52.4	45.2	36.9	26.4	12.7	30.5
Minn.	Duluth	-2.9	2.2	19.9	28.9	39.3	48.2	54.3	52.8	44.3	35.4	21.2	5.8	28.6
	Minneapolis-St. Paul	2.4	8.5	20.8	36.0	47.6	57.7	62.7	60.3	50.2	39.4	25.3	11.7	35.2
Miss.	Jackson	34.9	37.2	44.2	52.9	60.8	67.9	71.3	70.2	65.1	51.4	42.3	37.1	52.9
Mo.	Kansas City	17.2	23.0	31.7	44.4	54.6	63.8	68.5	66.5	58.1	47.0	34.0	23.7	44.4
	St. Louis	19.9	24.5	33.0	45.1	54.7	64.3	68.8	66.8	58.6	46.7	35.1	25.7	45.3
Mont.	Great Falls	9.2	16.8	21.1	31.3	41.1	49.4	54.4	53.0	44.2	36.2	24.5	16.6	33.2
Nebt.	Omaha	10.2	17.1	26.9	40.3	51.8	61.7	66.8	64.2	54.0	42.0	28.6	17.4	40.1
Nebr.	Reno	19.5	23.5	25.4	29.4	36.9	43.0	47.7	45.2	38.9	30.5	23.8	18.9	31.9
N.H.	Concord	9.0	11.0	22.2	31.6	41.4	51.6	56.4	54.5	46.2	35.5	27.3	14.5	33.4
N.J.	Atlantic City	22.9	23.9	31.6	40.4	49.9	58.8	64.3	63.4	56.4	48.8	35.8	26.6	43.3
N. Mex.	Albuquerque	22.3	25.9	31.7	39.5	48.6	58.4	64.7	62.8	54.9	43.1	30.7	23.2	42.1
N.Y.	Albany	11.9	14.0	24.6	35.5	45.4	55.0	59.6	57.6	49.6	39.4	30.8	18.2	36.8
	Buffalo	17.0	17.5	25.6	38.3	46.3	56.4	61.2	59.6	52.7	42.7	33.6	22.5	39.3
	New York <sup>1</sup>	25.6	26.6	34.1	43.8	53.3	62.7	68.2	67.1	60.1	49.8	40.8	30.3	46.9
N.C.	Charlotte	30.7	32.1	39.1	48.4	57.2	64.7	68.7	68.2	62.3	49.6	39.7	32.6	49.4
	Raleigh	29.1	30.3	37.7	46.5	55.3	62.6	67.1	66.8	60.4	47.7	38.1	31.2	47.7
N. Dak.	Bismarck	-4.2	3.7	15.6	30.8	42.0	51.8	56.4	54.2	43.2	32.8	17.7	4.8	29.1
Ohio	Cincinnati	22.5	25.0	33.7	44.2	53.6	61.9	65.9	64.4	57.7	46.0	36.3	27.5	44.9
	Cleveland	18.5	19.9	29.4	38.3	47.9	57.2	61.4	60.5	54.0	43.6	34.3	24.6	48.7
Oklahoma	Columbus	19.4	21.5	30.6	40.5	50.2	59.0	63.2	61.7	54.6	42.8	33.5	24.7	41.8
Oreg.	Oklahoma City	25.2	28.4	37.1	48.5	57.7	66.6	70.6	69.4	61.9	50.2	37.6	29.1	48.6
Pa.	Portland	33.5	36.0	37.4	40.6	46.4	52.3	55.8	55.8	51.1	44.6	38.6	35.4	44.0
	Philadelphia	23.8	25.0	33.1	42.6	52.5	61.5	66.8	66.0	58.6	46.5	37.1	28.0	45.1
R.I.	Pittsburgh	19.2	20.7	29.4	39.4	48.5	57.1	61.3	60.1	53.3	42.1	33.3	24.3	40.7
S.C.	Providence	20.0	20.9	29.2	38.3	47.6	57.0	63.3	60.1	53.3	42.1	33.3	24.1	41.2
S. Dak.	Columbia	33.2	34.6	41.9	50.5	59.1	66.1	70.1	69.4	63.9	50.2	40.6	34.7	51.2
	Sioux Falls	1.9	8.9	20.8	34.6	45.7	55.3	61.8	59.7	48.5	36.7	22.3	10.1	33.9
Tenn.	Memphis	30.9	34.1	41.9	50.5	59.2	60.9	68.9	72.6	70.8	64.1	51.3	41.1	34.3
	Nashville	27.8	30.1	38.3	48.1	55.9	64.8	69.0	67.8	61.3	48.0	38.0	31.3	48.5
Tex.	Dallas-Fort Worth	33.9	37.8	44.9	55.0	62.9	70.8	74.7	73.7	67.5	56.3	44.9	37.4	55.0
	El Paso	30.4	34.1	40.5	48.5	56.6	65.7	69.6	67.5	60.6	48.7	37.0	30.8	49.2
	Houston	40.8	43.2	49.8	58.3	64.7	70.2	72.5	72.1	68.1	57.5	48.6	42.7	57.4
Utah	Salt Lake City	19.7	24.4	29.9	37.2	45.2	53.1	59.7	57.0	50.0	39.3	29.2	21.6	39.3
Vt.	Burlington	7.7	8.8	20.8	32.7	44.0	54.2	58.6	56.6	48.7	38.7	29.6	14.9	34.6
Va.	Norfolk	31.7	32.3	39.4	48.1	57.2	65.3	69.8	69.6	64.2	52.8	43.0	35.0	50.7
	Richmond	26.5	28.1	35.8	45.1	54.2	62.2	67.2	66.4	59.3	46.7	37.3	29.6	46.5
Wash.	Seattle-Tacoma	34.3	36.8	37.2	40.5	46.0	51.1	54.3	54.3	51.2	45.3	39.3	36.3	43.9
	Spokane	20.0	25.7	29.0	34.9	42.5	49.3	55.3	54.3	46.5	36.7	28.5	23.7	37.2
W. Va.	Charleston	23.9	25.8	34.1	43.3	51.8	59.4	63.8	63.1	56.4	44.0	35.0	27.8	44.0
	Milwaukee	11.3	15.8	24.9	35.6	44.7	54.7	61.1	60.2	52.5	41.8	29.9	18.2	37.6
Wyo.	Cheyenne	14.8	17.9	20.6	29.6	39.7	48.5	54.6	52.8	43.7	34.0	23.1	18.2	33.1
P.R.	San Juan	70.3	70.0	70.8	72.3	73.9	75.3	76.1	76.1	75.5	74.9	73.4	71.8	73.4

<sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

## Geography and Environment

## No. 376. HIGHEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Mobile.....	40	84	82	90	92	100	102	104	102	99	93	87	81	104
Alaska.....	Juneau.....	39	57	55	59	71	82	86	90	83	72	61	56	54	90
Ariz.....	Phoenix.....	44	88	89	95	104	113	117	118	116	118	107	93	88	118
Ark.....	Little Rock.....	40	83	84	91	92	98	104	109	108	106	97	86	80	109
Calif.....	Los Angeles.....	46	88	92	93	95	97	104	97	98	110	106	101	94	110
	Sacramento.....	31	70	76	86	92	104	115	114	108	100	101	87	72	115
	San Francisco.....	54	72	78	85	92	96	105	104	98	103	97	85	75	106
Colo.....	Denver.....	47	72	76	84	85	96	104	104	101	97	88	79	75	104
Conn.....	Hartford.....	27	65	70	87	96	97	100	102	101	96	91	81	56	102
Del.....	Wilmington.....	34	75	74	86	91	95	99	102	101	100	91	85	72	102
D.C.....	Washington.....	40	79	82	89	95	97	101	103	100	101	94	86	75	103
Fla.....	Jacksonville.....	40	85	86	91	95	100	103	105	102	100	96	88	84	105
	Miami.....	39	87	87	92	96	94	98	98	98	95	95	89	87	98
Ga.....	Atlanta.....	33	79	79	85	91	95	101	105	102	98	95	84	77	105
Hawaii.....	Honolulu.....	12	87	87	88	89	90	90	91	92	92	93	89	89	93
Idaho.....	Boise.....	42	63	69	81	92	98	109	111	110	102	91	73	65	111
Ill.....	Chicago.....	23	61	71	87	91	93	97	102	96	99	91	78	67	102
Ind.....	Peoria.....	42	68	72	82	89	92	100	103	101	100	90	81	71	103
Iowa.....	Indianapolis.....	42	71	74	85	89	93	97	104	100	100	90	81	70	104
	Des Moines.....	42	62	73	84	93	95	101	105	102	101	95	76	69	105
Kans.....	Wichita.....	29	75	84	89	95	100	110	113	110	105	95	85	83	113
Ky.....	Louisville.....	34	77	77	86	91	95	102	105	101	104	92	84	73	105
La.....	New Orleans.....	35	83	85	87	91	96	100	101	102	101	92	86	84	102
Maine.....	Portland.....	41	64	64	86	85	92	97	99	103	95	88	74	64	103
Md.....	Baltimore.....	31	75	76	87	94	98	100	102	102	99	92	83	74	102
Mass.....	Boston.....	30	63	68	81	94	95	100	102	102	100	90	77	70	102
Mich.....	Detroit.....	46	67	68	82	88	93	104	105	101	100	92	81	66	105
	Sault Ste. Marie.....	41	45	45	75	83	88	92	97	98	95	80	66	59	98
Minn.....	Duluth.....	40	52	55	78	88	90	93	97	97	95	86	70	55	97
	Minneapolis-St. Paul.....	43	58	60	83	95	96	100	104	102	98	89	75	63	104
Miss.....	Jackson.....	18	82	84	88	92	99	103	106	102	104	92	88	84	106
Mo.....	Kansas City.....	9	68	76	82	90	91	105	107	104	98	92	82	70	107
	St. Louis.....	24	76	85	88	92	92	98	107	105	100	94	82	76	107
Mont.....	Great Falls.....	44	62	67	78	89	93	99	105	105	98	91	76	69	106
Nebr.....	Omaha.....	45	69	78	89	93	99	105	114	110	104	96	80	72	114
Nev.....	Reno.....	40	70	74	83	89	95	101	104	103	101	91	77	70	104
N.H.....	Concord.....	40	68	66	85	95	97	98	102	101	98	90	80	67	102
N.J.....	Atlantic City.....	38	78	73	87	94	99	106	104	102	97	90	84	72	106
N. Mex.....	Albuquerque.....	42	69	75	85	89	95	105	105	101	100	91	77	72	105
N.Y.....	Albany.....	35	62	67	85	92	94	99	100	99	100	89	82	65	100
	Buffalo.....	39	72	65	81	87	90	95	94	99	98	87	80	66	99
N.C.....	New York <sup>a</sup> .....	113	72	75	86	96	99	101	106	104	102	94	84	70	106
	Charlotte.....	42	78	81	90	93	100	103	103	102	104	98	85	77	104
	Raleigh.....	37	79	84	92	95	97	104	105	101	104	98	88	79	105
N. Dak.....	Bismarck.....	42	62	68	81	93	98	100	109	109	105	95	75	65	109
Ohio.....	Cincinnati.....	20	69	73	83	89	93	97	100	102	98	88	80	70	102
	Cleveland.....	40	73	69	83	88	92	101	103	102	101	90	82	69	103
Oklahoma City.....	Oklahoma City.....	42	74	73	85	89	94	102	100	100	100	90	80	72	102
Oreg.....	Portland.....	41	62	70	80	87	92	100	107	107	101	90	73	64	107
Pa.....	Philadelphia.....	40	74	74	87	94	96	100	104	104	101	96	81	72	104
	Pittsburgh.....	29	68	69	80	87	91	96	99	97	97	87	82	72	99
R.I.....	Providence.....	28	66	72	78	88	94	96	100	104	97	86	78	69	104
S.C.....	Columbia.....	34	84	84	91	94	101	107	107	106	101	101	90	83	107
S. Dak.....	Sioux Falls.....	36	66	70	87	94	100	101	108	108	104	94	76	61	108
Tenn.....	Memphis.....	40	78	81	85	91	99	104	108	105	103	95	85	79	108
	Nashville.....	42	78	84	86	90	97	106	107	104	105	94	84	76	107
Tex.....	Dallas-Fort Worth.....	28	88	88	96	95	99	113	110	108	105	102	89	88	113
	El Paso.....	40	80	83	88	98	104	111	112	108	103	96	84	80	112
	Houston.....	12	84	84	90	92	95	103	104	107	100	94	89	83	107
Utah.....	Salt Lake City.....	53	61	69	78	85	93	104	107	104	100	89	75	67	107
Vt.....	Burlington.....	38	63	62	84	91	92	96	99	101	94	85	75	62	101
Va.....	Norfolk.....	33	78	81	85	97	97	101	103	104	98	95	86	80	104
	Richmond.....	52	80	83	93	96	100	104	105	102	103	99	86	80	105
Wash.....	Seattle.....	37	64	70	72	85	93	96	98	99	94	82	74	63	99
	Spokane.....	34	59	61	71	90	92	100	103	108	96	86	67	56	108
W. Va.....	Charleston.....	34	79	78	87	91	93	98	102	100	102	92	85	80	102
Wis.....	Milwaukee.....	41	62	65	81	91	92	99	101	100	98	89	77	63	101
Wyo.....	Cheyenne.....	46	65	71	73	82	90	100	100	96	93	83	73	69	100
P.R.....	San Juan.....	27	91	92	94	94	96	96	95	97	97	98	96	91	98

<sup>a</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

## No. 377. LOWEST TEMPERATURE OF RECORD—SELECTED CITIES

[In Fahrenheit degrees. Airport data unless otherwise noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	40	7	11	21	36	43	56	60	59	42	32	22	10	7
Alaska	Juneau	38	-22	-15	6	25	31	36	27	23	12	-5	-21	-22	
Ariz.	Phoenix	44	17	22	25	32	40	50	61	60	47	34	25	22	17
Ark.	Little Rock	40	-4	-5	11	28	40	46	54	52	37	30	17	-1	-5
Calif.	Los Angeles	46	23	32	34	39	43	48	49	51	47	41	34	32	23
	Sacramento	31	23	26	26	32	36	41	49	49	43	36	26	20	20
	San Francisco	54	24	25	30	31	36	41	43	42	38	34	25	20	20
Colo.	Denver	47	-25	-30	-11	-2	22	30	43	41	20	3	-8	-18	-30
Conn.	Hartford	27	-26	-21	-6	9	28	37	44	36	30	17	12	-14	-26
Del.	Wilmington	34	-4	-6	6	22	30	41	50	46	36	24	14	2	-6
D.C.	Washington	40	2	4	11	24	34	47	55	51	39	29	16	1	1
Fla.	Jacksonville	40	13	19	23	35	45	55	61	64	48	36	21	12	12
	Miami	39	31	32	32	46	53	65	69	68	69	51	39	34	31
Ga.	Atlanta	33	-3	5	10	26	37	46	53	56	36	28	3	1	-3
Hawaii	Honolulu	12	53	53	55	59	62	65	67	67	66	64	59	54	53
Idaho	Boise	42	-17	-12	6	19	26	33	40	37	23	11	-3	-23	-23
Ill.	Chicago	23	-20	-17	-8	13	24	36	40	41	28	17	1	-17	-20
	Peoria	42	-25	-18	-10	17	25	39	47	43	26	19	-2	-18	-25
Ind.	Indianapolis	42	-20	-19	-7	16	28	39	44	41	28	17	-2	-15	-20
Iowa	Des Moines	42	-24	-20	-22	9	30	38	47	40	26	14	-3	-16	-24
Kans.	Wichita	29	-12	-7	-2	15	31	43	51	48	35	21	1	-5	-12
Ky.	Louisville	34	-20	-19	-1	24	31	42	50	49	33	23	-1	-9	-20
La.	New Orleans	35	14	19	25	32	41	55	60	60	42	35	24	17	14
Maine	Portland	41	-26	-39	-21	8	23	33	40	33	23	15	5	-21	-39
Md.	Baltimore	31	-7	-3	6	20	32	40	51	48	35	25	13	0	-7
Mass.	Boston	30	-12	-4	6	17	34	46	54	47	38	28	17	-7	-12
Mich.	Detroit	46	-13	-16	-1	14	30	38	42	42	32	24	5	-5	-16
	Sault Ste. Marie	41	-32	-35	-24	1	18	28	36	32	25	16	-10	-25	-35
Minn.	Duluth	40	-39	-32	-28	-5	17	27	36	33	22	8	-23	-33	-39
	Minneapolis-St. Paul	43	-34	-28	-32	2	18	34	43	39	26	15	-17	-24	-34
Miss.	Jackson	18	6	11	15	30	38	49	51	55	35	30	17	14	6
Mo.	Kansas City	9	-13	-13	-10	12	30	49	52	50	38	21	1	-13	-13
	St. Louis	24	-14	-10	-5	22	31	43	51	47	36	23	1	-10	-14
Mont.	Great Falls	44	-37	-35	-29	-6	15	31	40	35	23	-3	-23	-43	-43
Nebr.	Omaha	45	-22	-21	-16	5	27	39	44	43	30	13	-9	-17	-22
Nev.	Reno	40	-16	-12	-2	13	18	25	33	24	20	8	1	-16	-16
N.H.	Concord	40	-30	-37	-16	8	21	30	35	29	21	10	-1	-22	-37
N.J.	Atlantic City	38	-10	-11	5	12	25	37	46	40	32	23	11	-7	-11
N. Mex.	Albuquerque	42	-17	-5	8	19	28	40	54	52	37	25	-7	3	-17
N.Y.	Albany	35	-28	-21	-21	10	26	36	40	37	24	16	5	-22	-28
	Buffalo	38	-12	-20	-5	12	26	35	43	38	32	28	9	-10	-20
N.C.	New York <sup>1</sup>	113	-6	-15	3	12	32	44	52	50	39	28	5	-13	-15
	Charlotte	42	-3	5	4	24	32	45	53	53	39	24	11	2	-3
N. Dak.	Raleigh	37	-1	5	11	23	31	38	48	46	39	19	11	4	-1
	Bismarck	42	-44	-37	-31	-12	15	30	35	33	11	5	-29	-43	-44
Ohio	Cincinnati	20	-25	-10	-11	17	27	39	47	43	33	16	1	-11	-25
	Cleveland	40	-19	-15	-5	10	25	31	41	41	32	22	3	-11	-19
Oklahoma	Oklahoma City	28	-4	-3	3	20	37	47	53	51	37	22	11	1	-4
Oreg.	Portland	41	-2	-3	19	29	29	39	43	44	34	26	13	6	-3
Pa.	Philadelphia	40	-5	-4	7	24	28	44	51	45	35	25	15	1	-5
	Pittsburgh	29	-18	-12	-1	15	26	34	42	40	31	20	5	-10	-19
R.I.	Providence	28	-13	-7	1	14	29	41	49	40	33	20	14	-10	-13
S.C.	Columbia	34	5	5	4	29	34	45	54	53	40	23	12	4	4
S. Dak.	Sioux Falls	36	-36	-31	-23	5	17	33	38	34	22	9	-17	-26	-36
Tenn.	Memphis	40	-4	-11	12	29	38	48	52	48	36	25	9	-13	-13
	Nashville	42	-15	-13	2	24	34	42	51	47	36	26	-1	-7	-15
Tex.	Dallas-Ft. Worth	28	4	9	15	30	41	51	59	56	45	28	20	10	4
	El Paso	42	-8	8	14	24	31	48	57	56	41	25	1	5	-8
Ulah	Houston	12	17	20	22	31	44	52	62	62	48	33	19	20	17
Vt.	Salt Lake City	53	-22	-30	2	14	25	35	40	37	27	16	-14	-21	-30
Va.	Burlington	38	-30	-30	-20	2	24	33	39	35	25	15	-2	-26	-30
	Norfolk	23	5	8	16	28	36	45	54	52	45	27	20	14	5
Wash.	Richmond	52	-12	-10	11	25	31	40	51	46	35	21	10	-1	-12
	Seattle	37	0	1	11	29	28	38	43	44	35	28	6	6	0
	Spokane	34	-22	-17	-3	17	24	34	37	35	25	13	-11	-25	-25
W. Va.	Charleston	34	-12	-6	0	19	26	33	46	41	34	17	6	-2	-12
Wis.	Milwaukee	41	-24	-19	-10	13	21	33	40	44	28	18	-5	-15	-24
Wyo.	Cheyenne	46	-27	-34	-21	-8	16	25	38	36	18	2	-13	-24	-34
P.R.	San Juan	27	61	62	60	64	66	69	69	70	69	67	66	63	60

<sup>1</sup> City office data.

## Geography and Environment

## NO. 378. NORMAL MONTHLY AND ANNUAL PRECIPITATION—SELECTED CITIES

[In inches. Airport data except as noted. Based on standard 30-year period, 1951 through 1980. See *Historical Statistics, Colonial Times to 1970*, series J 164-267, for related data]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	4.59	4.91	6.48	5.35	5.46	5.07	7.74	6.75	6.56	2.62	3.67	5.44	64.64
Alaska	Juneau	3.69	3.74	3.34	2.92	3.41	2.98	4.13	5.02	6.40	7.71	5.15	4.66	53.15
Ariz.	Phoenix	.73	.59	.81	.27	.14	.17	.74	1.02	.64	.63	.54	.83	7.11
Ark.	Little Rock	3.91	3.83	4.69	5.41	5.29	3.67	3.63	3.07	4.26	2.84	4.37	4.23	49.20
Calif.	Los Angeles	3.06	2.49	1.76	.93	.14	.04	.01	.10	.15	.26	1.52	1.62	12.08
	Sacramento	4.03	2.88	2.06	1.31	.33	.11	.05	.07	.27	.86	2.23	2.90	17.10
	San Francisco	4.65	3.23	2.64	1.53	.32	.11	.03	.05	.19	1.06	2.35	3.55	19.71
Colo.	Denver	.51	.69	1.21	1.81	2.47	1.58	1.93	1.53	1.23	.98	.82	.55	15.31
Conn.	Hartford	3.53	3.19	4.15	4.02	3.37	3.38	3.09	4.00	3.94	3.51	4.05	4.16	44.39
Del.	Wilmington	3.11	2.99	3.87	3.39	3.23	3.51	3.90	4.03	3.59	2.89	3.33	3.54	41.38
D.C.	Washington	2.76	2.62	3.46	2.93	3.48	3.35	3.88	4.40	3.22	2.90	2.82	3.18	39.00
Fla.	Jacksonville	3.07	3.48	3.72	3.32	4.91	5.37	6.54	7.15	7.26	3.41	1.94	2.59	52.77
	Miami	2.08	2.05	1.89	3.07	6.53	9.15	5.98	7.02	8.07	7.14	2.71	1.86	57.55
Ga.	Atlanta	4.91	4.43	5.91	4.43	5.02	3.41	4.73	3.41	3.17	2.53	3.43	4.23	48.61
Hawaii	Honolulu	3.79	2.72	3.48	1.49	1.21	.49	.54	.60	.62	1.88	3.22	3.43	23.47
Idaho	Boise	1.64	1.07	1.03	1.19	1.21	.95	.26	.40	.58	.75	1.29	1.34	11.71
Ill.	Chicago	1.60	1.31	2.59	3.66	3.15	4.08	3.63	3.53	3.35	2.28	2.06	2.10	33.34
Ind.	Indianapolis	2.65	2.46	3.61	3.68	3.66	3.99	4.32	3.46	2.74	2.51	3.04	3.00	39.12
Iowa	Des Moines	1.01	1.12	2.20	3.21	3.96	4.18	3.22	4.11	3.09	2.16	1.52	1.01	30.83
Kans.	Wichita	.68	.85	2.01	2.30	3.91	4.06	3.62	2.80	3.45	2.47	1.47	.99	28.61
Ky.	Louisville	3.38	3.23	4.73	4.11	4.15	3.60	4.10	3.31	3.35	2.63	3.49	3.48	43.56
La.	New Orleans	4.97	5.23	4.73	4.50	5.07	4.63	6.73	6.02	5.87	2.66	4.06	5.27	59.74
Maine	Portland	3.78	3.57	3.98	3.90	3.27	3.06	2.83	2.82	3.27	3.83	4.70	4.51	43.52
Md.	Baltimore	3.00	2.98	3.72	3.35	3.44	3.76	3.89	4.62	3.46	3.11	3.11	3.40	41.84
Mass.	Boston	3.99	3.70	4.13	3.73	3.52	2.92	2.68	3.68	3.41	3.36	4.21	4.48	43.81
Mich.	Detroit	1.86	1.69	2.54	3.15	2.77	3.43	3.10	3.21	2.25	2.12	2.33	2.52	30.97
Minn.	Sault Ste. Marie	2.20	1.69	2.03	2.38	2.90	3.26	3.00	3.46	3.90	2.89	3.23	2.57	33.48
	Duluth	1.20	.90	1.78	2.16	3.15	3.96	3.96	4.12	3.26	2.21	1.69	1.29	29.68
Miss.	Minneapolis-St. Paul	.82	.85	1.71	2.05	3.20	4.07	3.51	3.64	2.50	1.85	1.29	.87	26.36
Mo.	Jackson	5.00	4.48	5.86	5.85	4.83	2.94	4.40	3.71	3.55	2.62	4.18	5.40	52.82
N.J.	Kansas City	1.08	1.19	2.41	3.23	4.42	4.66	4.35	3.57	4.14	3.10	1.63	1.38	35.17
N.Mex.	St. Louis	1.72	2.14	3.28	3.55	3.54	3.73	3.63	2.55	2.70	2.32	2.53	2.22	33.91
N.Y.	Great Falls	1.00	.75	.93	1.49	2.52	2.75	1.10	1.31	1.03	.82	.74	.80	15.24
Nebr.	Omaha	.77	.91	1.91	2.94	4.33	4.08	3.62	4.10	3.50	2.09	1.32	.77	30.34
Nev.	Reno	1.24	.95	.74	.46	.74	.34	.30	.27	.30	.34	.60	1.21	7.49
N.H.	Concord	2.78	2.47	2.93	3.01	2.93	2.91	2.93	3.26	3.12	3.10	3.66	3.43	36.53
N.J.	Atlantic City	3.47	3.34	4.04	3.20	3.07	2.78	4.02	4.72	2.89	3.06	3.73	3.61	41.93
N.Mex.	Albuquerque	.41	.40	.52	.40	.46	.51	1.30	1.51	.85	.86	.38	.82	8.12
N.Y.	Albany	2.39	2.26	3.01	2.94	3.31	3.29	3.00	3.34	3.23	2.93	3.04	3.00	35.74
N.C.	Buffalo	3.02	2.40	2.97	3.06	2.89	2.72	2.98	4.16	3.37	2.93	3.62	3.42	37.52
	New York <sup>1</sup>	3.21	3.13	4.22	3.75	3.76	3.23	3.77	4.03	3.66	3.41	4.14	3.84	44.12
N.C.	Charlotte	3.80	3.81	4.83	3.27	3.64	3.57	3.92	3.75	3.59	2.72	2.86	3.40	43.16
N. Dak.	Raleigh	3.55	3.43	3.69	2.91	3.67	3.66	4.38	4.44	3.29	2.73	2.87	3.14	41.76
	Bismarck	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
Ohio	Cincinnati	3.09	2.58	3.83	3.71	4.07	3.83	4.04	3.45	3.11	2.47	3.03	2.89	40.10
	Cleveland	2.47	2.20	2.69	3.32	3.30	3.49	3.37	3.38	2.92	2.45	2.76	2.75	35.40
	Columbus	2.75	2.18	3.29	3.41	3.76	4.01	4.01	3.70	2.76	1.91	2.64	2.61	36.97
Oklahoma	Oklahoma City	.96	1.29	2.07	2.91	5.50	3.87	3.04	2.40	3.41	2.71	1.53	1.20	30.89
Oreg.	Portland	6.16	3.93	3.61	2.31	2.08	1.47	.46	1.13	1.61	3.05	5.17	4.41	37.39
Pa.	Philadelphia	3.18	2.81	3.86	3.47	3.18	3.92	3.88	4.10	3.42	2.83	3.32	3.45	41.42
P.R.I.	Pittsburgh	2.86	2.40	3.58	3.28	3.54	3.30	3.83	3.31	2.80	2.49	2.34	2.57	36.29
S.C.	Providence	4.06	3.72	4.29	3.95	3.48	2.79	3.01	4.04	3.54	3.75	4.22	4.47	45.32
S.Dak.	Columbia	4.38	3.99	5.16	3.59	3.85	4.45	5.35	5.56	4.23	2.55	2.51	3.50	49.12
Tenn.	Sioux Falls	.50	.93	1.58	2.36	3.21	3.70	2.71	3.13	2.79	1.57	.92	.72	24.12
	Memphis	4.61	4.33	5.44	5.77	5.06	3.58	4.03	3.74	3.62	2.37	4.17	4.85	51.57
	Nashville	4.49	4.03	5.58	4.47	4.56	3.70	3.82	3.40	3.71	2.58	3.52	4.63	48.49
Tex.	Dallas-Fort Worth	1.65	1.93	2.42	3.63	4.27	2.59	2.00	1.76	3.31	2.47	1.76	1.67	29.45
	El Paso	.38	.45	.32	.19	.24	.56	1.60	1.21	1.42	.73	.33	.39	7.82
	Houston	3.21	3.25	2.69	4.24	4.69	4.06	3.33	3.66	4.93	3.67	3.38	3.66	44.77
Utah	Salt Lake City	1.35	1.33	1.72	2.21	1.47	.97	.72	.92	.89	1.14	1.22	1.37	15.91
Vt.	Burlington	1.85	1.73	2.20	2.77	2.96	3.64	3.43	3.87	3.20	2.81	2.80	2.43	33.69
Va.	Norfolk	3.72	3.26	3.86	2.87	3.75	3.45	5.15	5.33	4.35	3.41	2.88	3.17	45.22
	Richmond	3.23	3.13	3.57	2.90	3.55	3.60	5.14	5.01	3.52	3.74	3.29	3.39	44.07
Wash.	Seattle-Tacoma	6.04	4.22	3.59	2.40	1.58	1.38	.74	1.27	2.02	3.43	5.60	6.33	38.60
	Spokane	2.47	1.61	1.36	1.08	1.36	1.23	.50	.74	.71	1.08	2.06	2.49	16.71
W. Va.	Charleston	3.48	3.11	4.00	3.52	3.68	3.32	5.36	4.15	3.01	2.63	2.90	3.27	42.43
Wis.	Milwaukee	1.64	1.33	2.58	3.37	2.66	3.59	3.54	3.09	2.88	2.25	1.98	2.03	30.94
Wyo.	Cheyenne	.41	.40	.97	1.24	2.39	2.00	1.87	1.39	1.06	.68	.53	.37	13.31
P.R.	San Juan	3.01	2.02	2.31	3.62	5.64	4.66	4.87	5.93	5.99	5.89	5.59	4.46	59.98

<sup>1</sup> City office data.

## NO. 379. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF .01 INCH OR MORE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.	Mobile	40	11	10	11	7	8	11	17	14	11	6	8	11	125	
Alaska	Juneau	38	18	17	18	17	17	16	17	17	20	24	20	21	222	
Ariz.	Phoenix	42	4	4	3	2	1	1	4	5	3	2	4	36		
Ark.	Little Rock	39	10	9	10	10	10	8	9	7	7	6	8	9	103	
Calif.	Los Angeles	46	6	6	6	3	1	(z)	1	(z)	1	1	2	5	34	
	Sacramento	42	10	9	8	6	3	1	(z)	(z)	1	1	3	7	57	
	San Francisco	54	11	10	9	9	6	3	1	(z)	1	1	4	7	62	
Colo.	Denver	47	6	6	9	9	11	9	9	9	6	5	5	5	89	
Conn.	Hartford	27	11	11	11	11	11	11	10	10	10	8	8	12	127	
Del.	Wilmington	34	11	9	11	11	12	10	9	9	8	8	9	10	117	
D.C.	Washington	40	10	9	11	10	11	9	10	9	8	7	8	9	111	
Fla.	Jacksonville	40	8	8	8	6	9	12	15	14	13	8	6	8	115	
	Miami	39	7	6	5	6	11	15	16	17	17	15	8	6	129	
Ga.	Atlanta	47	12	10	12	9	9	10	12	9	8	6	8	10	115	
Hawaii	Honolulu	32	10	10	9	9	7	6	8	6	7	9	9	10	100	
Idaho	Boise	42	12	10	9	8	8	6	2	3	4	6	10	12	90	
Ill.	Chicago	23	11	10	13	13	11	10	10	9	9	10	9	10	1127	
Ind.	Peroria	42	9	8	11	12	12	10	9	8	8	7	9	10	114	
Iowa	Indianapolis	42	12	10	13	12	12	10	9	9	8	8	8	10	124	
Kans.	Des Moines	42	7	7	10	10	11	11	9	9	9	8	6	8	103	
Ky.	Wichita	28	6	5	7	8	11	9	8	8	7	6	5	5	85	
La.	Louisville	34	12	11	13	12	11	10	11	8	8	7	10	11	124	
	New Orleans	33	10	9	9	7	8	10	15	13	10	5	7	10	113	
Maine	Portland	41	11	10	11	12	12	11	9	9	8	9	9	12	126	
Md.	Baltimore	31	10	9	11	11	11	9	9	10	7	7	9	9	112	
Mass.	Boston	30	12	11	12	11	11	10	9	9	9	9	9	12	127	
Mich.	Detroit	35	13	12	13	12	12	11	9	9	9	8	11	13	133	
Minn.	Sault Ste. Marie	40	19	15	13	11	11	12	10	10	11	13	17	19	164	
	Duluth	40	12	10	11	11	12	13	11	11	11	9	11	12	134	
	Minneapolis-St. Paul	43	9	7	10	10	11	12	10	10	9	8	8	9	113	
Miss.	Jackson	18	11	9	11	9	10	8	11	10	9	6	8	10	112	
Mo.	Kansas City	9	8	6	10	11	11	9	7	9	8	7	7	7	100	
Mont.	St. Louis	24	9	8	11	11	11	9	9	9	8	8	9	9	110	
	Great Falls	44	9	8	9	9	12	12	7	7	7	6	7	7	100	
Nebr.	Omaha	45	7	7	9	9	11	10	9	9	8	6	5	6	96	
Nev.	Reno	39	6	6	6	4	5	3	3	2	2	3	5	6	51	
N.H.	Concord	40	11	10	11	11	12	11	10	10	9	9	11	11	126	
N.J.	Atlantic City	38	11	10	11	11	10	9	9	9	9	9	9	10	114	
N. Mex.	Albuquerque	42	4	4	4	3	4	4	9	9	5	5	3	4	58	
N.Y.	Albany	35	12	11	12	12	13	11	11	10	10	10	9	12	135	
	Buffalo	38	20	17	16	14	12	10	10	11	11	11	11	16	20	168
N.C.	New York <sup>1</sup>	113	11	10	11	11	11	10	10	10	10	8	8	9	119	
	Charlotte	42	10	10	11	9	10	10	10	11	10	7	7	7	10	112
N. Dak.	Raleigh	37	10	10	10	9	10	9	9	11	10	8	7	8	9	111
	Bismarck	42	8	7	8	8	10	12	9	8	7	5	6	8	8	96
Ohio	Cincinnati	34	12	11	13	13	11	11	10	9	9	8	8	11	12	129
	Cleveland	40	16	14	16	14	13	11	10	10	10	10	11	14	16	155
Oklahoma	Columbus	42	13	12	14	13	13	11	11	9	9	9	9	11	12	136
Oreg.	Oklahoma City	42	5	6	7	8	10	8	7	6	7	6	5	5	80	
Pa.	Portland	41	19	16	17	14	12	9	4	5	5	8	13	18	19	154
	Philadelphia	41	11	9	11	11	11	10	9	9	8	8	9	10	11	116
R.I.	Pittsburgh	29	16	14	16	13	12	11	11	10	10	9	10	13	16	151
S.C.	Providence	28	11	10	11	11	11	11	11	9	10	8	8	11	12	123
S. Dak.	Columbia	34	10	10	11	8	9	10	11	11	11	8	6	7	9	110
Tenn.	Sioux Falls	36	6	7	8	9	10	11	9	9	8	8	6	6	85	
	Memphis	31	10	9	11	10	9	8	9	8	8	7	6	8	105	
	Nashville	40	11	11	12	11	11	10	10	9	8	7	9	11	120	
Tex.	Dallas-Fort Worth	28	7	7	7	8	9	6	5	5	5	6	6	6	79	
	El Paso	42	4	3	2	2	2	3	8	7	5	4	3	4	47	
Utah	Houston	12	11	7	10	7	8	8	10	10	10	7	8	8	104	
Vt.	Salt Lake City	53	10	9	10	10	8	5	4	5	5	6	7	9	88	
Va.	Burlington	38	14	12	13	12	13	12	12	12	12	11	14	15	152	
	Norfolk	33	10	10	11	10	10	9	11	10	10	8	8	9	114	
Wash.	Richmond	44	10	9	11	9	11	9	11	10	10	8	7	8	112	
	Seattle	37	19	16	17	14	10	9	5	7	9	14	18	20	158	
	Spokane	34	15	12	11	8	9	8	4	5	6	8	12	16	114	
W. Va.	Charleston	34	16	14	15	14	13	11	13	11	11	9	10	12	152	
Wis.	Milwaukee	41	11	10	12	12	12	11	10	10	9	9	10	11	126	
Wyo.	Cheyenne	46	6	6	9	9	12	11	11	11	10	7	5	6	97	
P.R.	San Juan	26	17	13	12	14	17	16	19	19	17	17	18	19	198	

Z Less than ½ day. <sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, Comparative Climatic Data, annual.

## Geography and Environment

## NO. 380. AVERAGE TOTAL SNOW AND ICE PELLETS—SELECTED CITIES

[In inches. Airport data, except as noted. For period of record through 1981. T denotes trace]

STATE	STATION	Length of recor (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.	Mobile	40	.1	.2	T	-	-	-	-	-	-	T	.1	.4		
Alaska	Juneau	38	24.8	20.1	17.2	4.3	.1	T	-	-	T	1.2	11.4	24.7	103.8	
Ariz.	Phoenix	44	T	T	T	-	-	-	-	-	-	-	-	T	T	
Ark.	Little Rock	39	2.3	1.4	.5	T	-	-	-	-	-	-	.3	.8	5.3	
Calif.	Los Angeles	46	T	T	-	-	-	-	-	-	-	-	T	T		
	Sacramento	33	T	.1	-	-	-	-	-	-	-	-	-	.1		
	San Francisco	54	T	T	-	-	-	-	-	-	-	-	T	T		
Colo.	Denver	47	8.0	7.7	13.0	9.3	1.8	T	-	-	1.6	3.7	7.9	6.5	59.5	
Conn.	Hartford	27	11.9	12.1	11.1	1.5	T	-	-	-	-	.1	1.9	11.9	50.5	
Del.	Wilmington	34	6.2	6.2	3.8	.1	T	-	-	-	-	.1	1.0	.36	21.0	
D.C.	Washington	38	4.9	5.4	2.4	T	T	-	-	-	-	T	.7	3.4	16.8	
Fla.	Jacksonville	40	T	T	T	-	-	-	-	-	-	-	-	T	T	
	Miami	39	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ga.	Atlanta	47	.6	.5	.3	T	-	-	-	-	-	-	T	.2	1.6	
Hawaii	Honolulu	35	-	-	-	-	-	-	-	-	-	-	-	-	-	
Idaho	Boise	42	7.3	3.8	1.9	.7	.1	T	T	-	-	.1	1.9	5.3	21.1	
Ill.	Chicago	23	10.7	8.1	7.2	1.7	.1	T	-	-	T	.4	2.3	9.3	39.8	
	Peoria	38	6.5	5.0	4.5	.7	T	-	-	-	-	.1	2.3	6.0	25.1	
Ind.	Indianapolis	50	6.0	5.4	3.6	.5	T	-	-	-	-	-	T	2.1	4.9	22.5
Iowa	Des Moines	42	8.4	7.2	6.6	1.7	T	-	-	-	T	.3	2.6	6.4	33.2	
Kans.	Wichita	28	4.4	4.2	2.7	.3	-	-	-	-	T	.9	2.8	15.3		
Ky.	Louisville	34	6.2	4.3	3.8	.1	-	-	-	-	T	1.4	2.2	18.0		
La.	New Orleans	35	T	.1	T	-	-	-	-	-	T	.1	.2			
Maine	Portland	41	19.0	18.4	13.1	2.8	.2	-	-	-	T	.3	3.3	15.9	73.0	
Md.	Baltimore	31	5.3	6.7	4.5	T	T	-	-	-	-	T	1.1	3.9	21.5	
Mass.	Boston	46	12.4	11.7	7.8	.7	T	-	-	-	-	T	1.2	8.1	41.9	
Mich.	Detroit	38	7.9	7.7	5.4	1.1	T	-	-	-	-	T	2.5	7.1	31.7	
	Sault Ste. Marie	40	27.0	19.6	15.0	5.0	.6	T	-	-	.1	2.5	14.9	28.1	112.8	
Minn.	Duluth	38	16.7	12.1	13.7	6.5	.9	T	-	-	T	T	1.1	9.9	15.3	76.2
	Minneapolis-St. Paul	43	9.2	8.4	10.4	2.6	.2	-	-	-	T	.4	6.2	8.9	46.3	
Miss.	Jackson	18	.5	.2	.3	T	-	-	-	-	-	T	T	1.0		
Mo.	Kansas City	47	5.9	4.1	3.9	.7	T	-	-	-	-	T	1.0	4.4	20.0	
	St. Louis	45	5.2	4.4	4.6	.3	T	-	-	-	-	T	1.5	3.7	19.7	
Mont.	Great Falls	44	10.0	8.4	9.7	7.2	1.3	.4	T	-	1.2	3.1	7.2	8.5	57.0	
Nebr.	Omaha	46	8.2	7.1	6.6	.9	.1	-	-	-	T	.4	2.3	5.6	31.2	
Nev.	Reno	39	6.1	5.2	5.0	1.5	1.0	T	-	-	T	.3	1.7	4.7	25.5	
N.H.	Concord	40	17.8	15.1	11.1	2.1	.2	-	-	-	.1	4.0	14.4	64.8		
N.J.	Atlantic City	37	5.1	5.5	3.0	.2	T	-	-	-	T	.4	2.2	16.4		
N. Mex.	Albuquerque	42	2.3	2.0	2.0	.5	T	-	-	-	T	1.2	2.7	10.7		
N.Y.	Albany	35	15.6	14.6	11.3	2.5	.1	-	-	-	.1	4.5	16.3	65.0		
	Buffalo	38	23.8	18.0	11.9	3.1	.1	T	-	-	T	.3	12.4	22.4	92.0	
N.C.	New York <sup>1</sup>	113	7.6	8.7	5.2	.9	T	-	-	-	T	.9	5.7	29.0		
	Charlotte	42	2.0	1.7	1.3	T	-	-	-	-	-	.1	.6	5.7		
	Raleigh	37	2.5	2.5	1.5	T	-	-	-	-	-	.2	.9	7.6		
N. Dak.	Bismarck	42	7.0	6.4	7.8	3.6	1.0	T	-	-	.2	1.2	5.1	6.7	39.0	
Ohio	Cincinnati	34	7.8	5.3	4.8	.4	T	-	-	-	-	.1	2.6	3.9	24.9	
	Cleveland	40	11.8	11.3	9.7	1.9	.1	T	-	-	T	.8	5.5	11.6	52.7	
Oklahoma	Oklahoma City	34	8.6	6.1	4.6	.7	T	-	-	-	T	2.8	5.8	28.6		
Oreg.	Portland	42	2.8	2.5	1.6	T	-	-	-	-	T	.5	1.5	8.9		
Pa.	Philadelphia	41	4.1	.7	.5	T	T	T	-	-	T	T	.5	1.4	7.2	
	Pittsburgh	39	6.2	6.5	4.0	.2	T	-	-	-	.1	.7	3.9	21.6		
R.I.	Providence	29	12.4	10.1	8.6	1.4	.2	-	-	-	.2	4.0	8.4	45.3		
S.C.	Columbia	34	.3	1.0	.3	-	-	-	-	-	T	.3	1.7	3.1		
S. Dak.	Sioux Falls	36	6.3	8.8	9.8	1.5	T	-	-	-	T	.5	4.3	7.2	38.4	
Tenn.	Memphis	31	2.1	1.4	1.1	T	-	-	-	-	-	.1	.8	5.5		
	Nashville	40	4.2	3.2	1.7	.1	-	-	-	-	-	.6	1.8	11.6		
Tex.	Dallas-Fort Worth	28	1.5	1.2	.3	-	-	-	-	-	-	.2	.2	3.4		
	El Paso	42	1.4	.8	.4	T	-	-	-	-	T	1.1	.9	4.6		
	Houston	47	.2	.2	T	-	-	-	-	-	-	-	T	T	.4	
Utah	Salt Lake City	53	13.4	9.6	10.4	4.8	.6	T	-	-	.1	1.1	6.3	11.7	58.0	
Vt.	Burlington	38	18.4	17.0	12.3	3.5	.2	-	-	-	T	.2	7.2	19.7	78.5	
Va.	Norfolk	33	3.1	2.8	1.3	T	-	-	-	-	-	-	T	1.1	8.3	
	Richmond	44	5.1	3.8	3.0	.1	-	-	-	-	-	T	.4	2.0	14.4	
Wash.	Seattle	37	6.3	1.5	1.5	.1	T	-	-	-	T	.1	2.9	13.5		
	Spokane	34	17.8	7.4	4.4	.5	.1	T	-	-	-	.5	5.7	15.0	51.4	
W. Va.	Charleston	34	10.4	8.4	4.9	.3	T	-	-	-	-	.2	2.6	5.0	31.8	
Wis.	Milwaukee	41	12.8	9.6	9.0	1.7	T	-	-	-	T	.1	3.1	10.5	46.8	
Wyo.	Cheyenne	46	6.4	5.6	12.0	8.7	3.7	.3	-	-	.6	3.3	6.5	5.6	52.7	
P.R.	San Juan	26	-	-	-	-	-	-	-	-	-	-	-	-	-	

~ Represents zero.

<sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

## NO. 381. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE—SELECTED CITIES

[Airport data, except as noted. For period of record through 1991, except as noted]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.....	Montgomery.....	31	47	54	59	65	65	66	63	65	62	66	56	50	59
Alaska.....	Juneau <sup>1</sup> .....	33	32	32	37	39	39	34	31	32	26	19	23	20	32
Ariz.....	Phoenix.....	86	77	80	83	88	93	94	85	85	89	88	84	78	86
Ark.....	Little Rock.....	34	46	54	57	62	68	73	71	73	68	69	56	48	64
Calif.....	Los Angeles <sup>2</sup> .....	32	69	72	73	70	66	65	82	83	79	73	74	71	73
	Sacramento.....	33	45	61	72	81	88	93	97	96	93	85	64	48	79
	San Francisco <sup>4</sup> .....	38	56	62	69	73	72	73	66	65	72	70	62	53	67
Colo.....	Denver.....	32	72	72	70	68	64	71	71	72	75	73	65	68	70
Conn.....	Hartford.....	27	58	58	57	57	58	60	63	62	59	57	47	50	58
Del.....	Wilmington <sup>3</sup> .....	39	50	54	56	57	56	62	62	62	59	59	49	57	57
D.C.....	Washington.....	33	48	52	56	58	59	65	64	64	62	59	52	47	58
Fla.....	Jacksonville.....	30	58	62	67	72	70	63	61	60	55	58	61	56	62
	Key West.....	22	74	77	83	84	81	74	77	76	70	70	71	73	76
Ga.....	Atlanta.....	46	48	54	58	66	68	67	63	65	63	68	60	51	61
Hawaii.....	Honolulu.....	29	63	63	69	67	69	70	74	75	75	78	61	59	68
Idaho.....	Boise.....	39	40	51	63	67	71	75	88	85	81	88	45	39	67
Ill.....	Chicago.....	39	45	51	56	63	65	72	74	76	69	68	52	45	63
	Pearl.....	38	47	50	52	55	59	66	68	66	65	62	45	41	57
Ind.....	Indianapolis.....	37	42	50	51	55	61	67	67	70	66	63	43	39	58
Iowa.....	Des Moines.....	31	51	54	54	56	60	68	71	70	66	63	50	45	60
Kans.....	Wichita.....	28	58	60	61	63	65	70	74	74	67	67	59	58	66
Ky.....	Louisville.....	34	43	48	49	55	60	65	66	67	65	62	47	42	57
La.....	New Orleans.....	8	47	55	55	62	58	68	60	59	61	70	56	58	60
Maine.....	Portland.....	41	56	59	56	56	56	60	64	64	58	48	53	56	58
Md.....	Baltimore.....	31	51	56	56	56	56	62	65	62	60	59	51	48	57
Mass.....	Boston.....	46	54	57	57	57	59	64	66	68	63	60	51	52	60
Mich.....	Detroit.....	32	32	43	49	52	59	65	70	65	61	56	35	32	54
Minn.....	Sault Ste. Marie.....	40	35	46	54	55	58	58	63	58	46	40	27	48	48
	Duluth.....	31	50	53	55	54	56	58	66	60	52	47	35	40	54
	Minneapolis-St. Paul.....	43	52	58	55	56	59	63	71	67	61	56	40	40	58
Miss.....	Jackson.....	17	46	56	58	62	61	70	63	64	59	57	55	49	60
Mo.....	Kansas City.....	9	60	59	65	71	67	74	74	69	67	65	52	52	66
Mont.....	St. Louis.....	22	53	53	55	57	61	68	70	65	64	62	48	44	59
	Great Falls.....	39	48	55	65	61	62	65	80	76	68	60	46	44	63
Nebr.....	Omaha.....	45	55	64	65	58	61	68	74	71	68	66	52	48	62
Nav.....	Reno.....	37	66	68	76	81	82	85	93	93	92	84	71	64	81
N.H.....	Concord.....	40	52	55	52	53	55	58	63	60	55	54	42	47	55
N.J.....	Atlantic City.....	21	49	52	53	55	54	57	59	63	59	56	48	44	54
N. Mex.....	Albuquerque.....	42	72	73	73	77	79	83	76	76	80	80	78	73	77
N.Y.....	Albany.....	43	46	51	52	53	55	59	63	60	56	51	36	38	53
	Buffalo.....	38	33	39	46	52	58	65	68	65	59	51	29	27	52
N.C.....	New York <sup>2</sup> .....	100	50	55	56	59	61	64	65	65	64	63	61	52	49
	Charlotte.....	31	55	61	63	70	69	70	68	70	67	69	62	58	66
N. Dak.....	Raleigh.....	27	54	60	63	64	59	61	61	61	59	62	61	56	60
Ohio.....	Bismarck.....	42	55	54	61	59	63	65	76	73	68	59	45	47	62
Oklahoma.....	Cincinnati.....	66	41	44	50	55	60	66	68	66	66	58	44	38	56
	Cleveland.....	38	31	37	44	52	58	65	67	63	60	54	32	26	51
Ola.....	Columbus.....	30	36	42	44	51	56	60	61	61	57	38	31	51	51
Oreg.....	Oklahoma City.....	27	58	61	64	65	65	74	77	78	70	68	60	60	68
Pa.....	Portland.....	32	27	37	45	52	57	54	70	64	61	43	30	21	49
	Philadelphia.....	39	50	54	56	57	56	62	62	62	59	59	52	49	57
R.I.....	Pittsburgh.....	29	34	38	45	48	51	57	58	56	58	53	39	29	49
S.C.....	Providence.....	28	57	58	57	56	57	59	62	59	59	59	50	53	57
S. Dak.....	Columbia.....	28	58	61	64	69	67	66	66	67	64	67	65	61	65
Tenn.....	Rapid City.....	39	55	59	62	58	57	62	71	73	68	66	55	53	62
	Memphis.....	31	50	54	57	65	66	70	74	74	76	70	71	58	65
	Nashville.....	39	41	48	52	59	61	67	64	65	69	64	51	42	57
Tex.....	Amarillo.....	40	68	69	71	73	72	77	78	77	73	75	72	68	73
	El Paso.....	39	77	82	85	87	89	89	80	81	84	83	79	63	63
	Houston.....	12	42	51	47	52	59	66	66	63	61	63	55	59	57
Utah.....	Salt Lake City.....	43	47	56	64	67	72	79	84	83	83	73	55	44	70
Vt.....	Burlington.....	38	42	48	51	50	56	59	64	60	53	48	30	33	50
Va.....	Norfolk.....	21	56	59	63	66	65	68	65	65	64	60	59	57	63
	Richmond.....	31	52	57	59	64	64	67	66	65	64	60	57	52	61
Wash.....	Seattle-Tacoma.....	15	24	39	50	52	55	53	65	62	57	44	28	18	48
	Spokane.....	33	26	38	53	59	62	65	80	77	70	53	28	21	57
W. Va.....	Parkersburg.....	83	32	37	44	50	56	59	62	59	59	54	37	30	49
Wis.....	Milwaukee.....	41	45	47	50	53	60	64	70	66	60	55	41	38	56
Wyo.....	Cheyenne.....	44	62	65	65	61	59	65	68	67	69	69	60	59	64
P.R.....	San Juan.....	26	66	68	73	67	60	60	66	66	60	60	57	57	63

<sup>1</sup> For period of record through 1978. <sup>2</sup> For period of record through 1976. <sup>3</sup> City office data. <sup>4</sup> For period of record through 1973. <sup>5</sup> Data not available, figures are for a nearby station.

## Geography and Environment

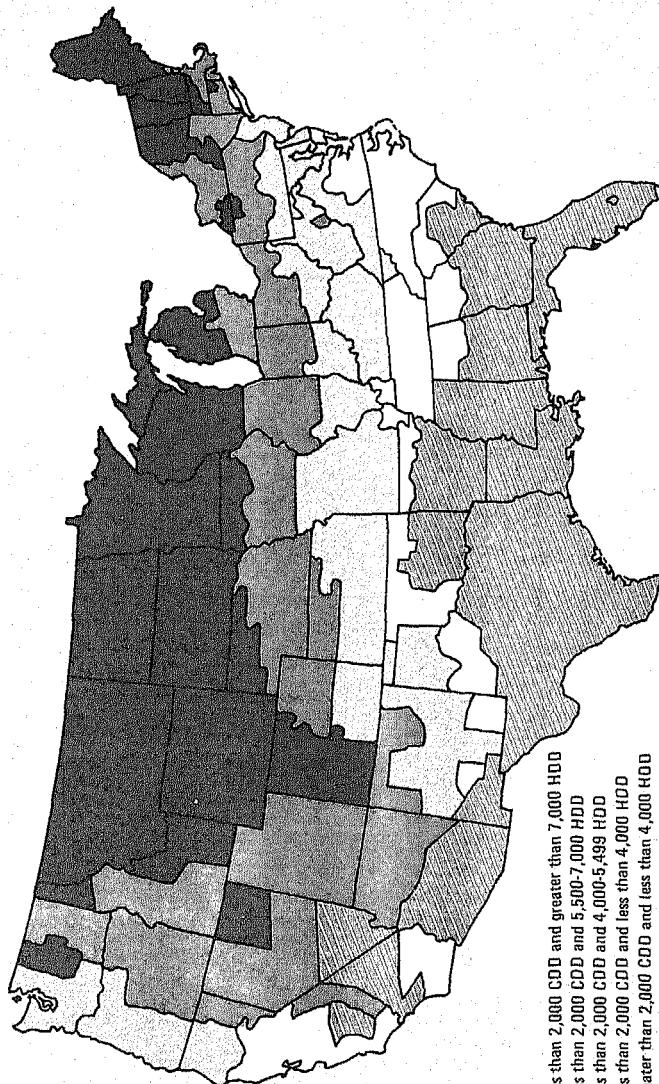
## NO. 382. AVERAGE WIND SPEED—SELECTED CITIES

[In miles per hour. Airport data, except as noted. For period of record through 1981]

STATE	STATION	Length of record (yr.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.	Mobile	33	10.5	10.7	11.0	10.3	8.9	7.7	6.9	6.7	7.9	8.2	9.2	10.0	9.0
Alaska	Juneau	38	8.4	8.7	8.8	8.8	8.4	7.8	7.6	7.5	8.0	9.7	8.7	9.2	8.4
Ariz.	Phoenix	36	5.2	5.9	6.7	7.0	7.0	6.9	7.2	6.6	6.3	5.8	5.3	5.1	6.3
Ark.	Little Rock	39	8.7	9.2	9.9	9.3	7.9	7.5	6.9	6.6	6.9	7.0	8.1	8.4	8.0
Calif.	Los Angeles	33	6.7	7.3	8.1	8.4	8.2	7.9	7.7	7.6	7.2	6.8	6.5	6.4	7.4
	Sacramento	33	7.7	7.8	8.9	8.9	9.3	9.9	9.1	8.7	7.7	6.6	6.3	6.9	8.1
	San Francisco	54	7.1	8.5	10.3	12.1	13.2	13.9	12.5	12.7	11.0	9.3	7.2	6.8	10.5
Colo.	Denver	33	8.9	9.2	9.9	10.3	9.5	9.0	8.5	8.2	8.1	8.1	8.5	8.8	8.9
Conn.	Hartford	27	9.3	9.6	10.1	10.3	9.1	8.3	7.6	7.3	7.5	7.9	8.5	8.7	8.7
Del.	Wilmington	33	10.0	10.5	11.2	10.5	9.0	8.5	7.8	7.4	7.9	8.3	9.2	9.5	9.2
D.C.	Washington	33	10.1	10.5	11.0	10.6	9.2	8.8	8.2	8.1	8.3	8.7	9.3	9.6	9.4
Fla.	Jacksonville	32	8.4	9.3	9.3	8.9	8.4	8.2	7.4	7.1	7.9	8.4	8.0	8.1	8.3
	Miami	32	9.5	10.1	10.5	10.7	9.6	8.3	7.9	7.9	8.2	9.3	9.6	9.2	9.2
Ga.	Atlanta	43	10.6	10.9	10.9	10.1	8.6	8.0	7.5	7.1	8.0	8.4	9.1	9.9	9.1
Hawaii	Honolulu	32	9.9	10.7	11.7	12.1	12.2	13.0	13.7	13.4	11.7	10.9	11.0	10.9	11.8
Idaho	Boise	42	8.3	9.2	10.2	10.2	9.6	9.1	8.5	8.2	8.3	8.5	8.5	8.4	8.9
Ill.	Chicago	23	11.5	11.6	11.9	12.1	10.6	9.1	8.1	8.1	8.7	9.8	10.9	10.9	10.3
Ind.	Peoria	38	11.1	11.4	12.2	12.1	10.2	9.1	8.0	7.8	8.6	8.5	9.1	10.9	10.2
Iowa	Indianapolis	33	11.0	11.0	11.8	13.0	13.1	11.4	10.4	9.0	8.7	9.4	10.5	11.5	11.0
Kans.	Des Moines	32	11.7	11.8	13.0	13.1	11.4	10.4	9.0	8.7	9.4	10.5	11.5	11.4	12.4
Ky.	Wichita	28	12.3	13.0	14.4	14.3	12.6	12.4	11.3	11.3	11.4	12.1	12.1	12.2	12.4
La.	Louisville	34	9.6	9.7	10.4	9.9	8.0	7.5	6.7	6.4	6.8	7.2	8.9	9.3	8.4
	New Orleans	33	9.4	9.8	10.0	9.4	8.1	6.9	6.2	5.9	7.2	7.5	8.6	9.0	8.2
Maine	Portland	41	9.3	9.5	10.0	9.9	9.1	8.1	7.6	7.4	7.7	8.3	8.7	9.0	8.7
Md.	Baltimore	31	9.9	10.5	11.1	10.8	9.3	8.6	8.0	7.9	8.2	8.8	9.4	9.4	9.3
Mass.	Boston	24	14.2	14.1	13.9	13.3	12.2	11.4	10.9	10.7	11.3	12.0	12.9	13.7	12.5
Mich.	Detroit	47	11.7	11.4	11.4	11.1	9.8	9.1	8.3	8.1	8.8	9.6	11.2	11.3	10.1
Minn.	Sault Ste. Marie	40	10.0	9.7	10.3	10.6	10.0	8.8	8.1	8.0	8.8	9.4	10.0	9.9	9.5
	Duluth	32	11.8	11.5	11.9	12.8	12.0	10.8	9.7	9.6	10.6	11.3	11.8	11.3	11.3
	Minneapolis-St. Paul	43	10.3	10.5	11.2	12.2	11.2	10.4	9.2	9.1	9.8	10.4	10.9	10.3	10.5
Miss.	Jackson	18	8.6	8.6	9.2	8.3	7.0	6.2	5.8	5.6	6.3	6.4	7.3	8.3	7.3
Mo.	Kansas City	9	10.8	11.8	12.5	12.3	10.0	10.1	8.5	9.0	8.7	10.2	11.0	11.1	10.5
	St. Louis	32	10.4	10.9	11.9	11.5	9.4	8.8	7.9	7.6	7.9	8.7	9.9	10.3	9.6
Mont.	Great Falls	40	15.3	14.6	13.4	13.0	11.5	11.3	10.1	10.3	11.5	13.5	14.8	15.8	12.9
Nebr.	Omaha	45	11.0	11.3	12.5	13.0	11.1	10.3	9.0	9.0	9.5	9.9	10.9	10.7	10.7
Nev.	Reno	39	5.7	6.1	7.6	8.0	7.7	7.4	6.7	6.3	5.5	5.3	5.2	5.1	6.4
N.H.	Concord	40	7.4	8.0	8.3	7.9	7.1	6.4	5.7	5.3	5.5	6.0	6.6	7.1	6.8
N.J.	Atlantic City	23	11.6	11.9	12.3	12.0	10.5	9.5	8.8	8.3	8.8	9.4	10.8	11.0	10.4
N. Mex.	Albuquerque	42	8.0	8.8	10.1	11.0	10.5	10.0	9.1	8.2	8.6	8.3	7.8	7.7	9.0
N.Y.	Albany	49	9.8	10.4	10.7	10.6	9.1	8.3	7.4	7.0	7.4	8.1	9.0	9.3	8.9
	Buffalo	42	14.4	13.9	13.5	12.9	11.6	11.1	10.5	9.9	10.5	11.3	12.8	13.4	12.1
N.C.	New York <sup>1</sup>	57	10.7	10.9	11.0	10.5	9.8	8.1	7.7	7.6	8.1	8.9	9.9	10.4	9.4
	Charlotte	32	7.9	8.4	8.9	8.9	7.6	7.0	6.6	6.6	6.7	7.1	7.3	7.4	7.5
	Raleigh	32	8.6	9.0	9.4	9.1	7.7	7.0	6.6	6.4	6.8	7.2	7.8	8.1	7.8
N. Dak.	Bismarck	42	10.0	10.1	11.0	12.3	11.9	10.7	9.3	9.5	10.0	10.1	10.1	9.5	10.4
Ohio	Cincinnati	34	10.6	10.5	11.1	10.8	8.8	8.0	7.2	6.7	7.4	8.1	9.6	10.2	9.1
	Cleveland	40	12.4	12.2	12.4	11.8	10.2	9.5	8.7	8.4	9.1	10.1	12.0	12.3	10.8
	Columbus	32	10.3	10.8	10.1	9.8	8.5	7.6	6.8	6.5	6.8	7.8	9.4	9.9	8.7
Oklahoma	Oklahoma City	33	13.0	13.4	14.9	14.8	12.9	12.5	11.0	10.7	11.1	12.1	12.4	12.7	12.6
Oreg.	Portland	33	10.1	9.1	8.3	7.3	7.0	7.1	6.6	7.1	6.5	6.5	8.5	9.5	7.9
Pa.	Philadelphia	41	10.4	11.1	11.5	11.0	9.7	8.8	8.1	7.9	8.3	8.9	9.6	10.1	9.6
P.R.	Pittsburgh	29	10.7	10.7	10.9	10.5	9.0	8.2	7.5	7.1	7.5	8.5	9.9	10.5	9.3
S.C.	Providence	28	11.4	11.7	12.2	12.2	10.9	10.0	9.5	9.3	9.5	9.7	10.5	11.0	10.7
S.Dak.	Columbia	33	7.0	7.6	8.2	8.3	7.0	6.7	6.4	5.9	6.1	6.1	6.4	6.6	6.9
Tenn.	Sioux Falls	33	11.0	11.2	12.5	13.4	11.9	10.7	9.7	9.8	10.3	10.9	11.5	10.7	11.1
	Memphis	33	10.4	10.4	11.2	10.6	8.9	8.1	7.5	7.0	7.5	7.8	9.2	10.0	9.1
	Nashville	40	9.2	9.4	9.0	9.5	7.6	7.1	6.4	6.1	6.3	6.7	8.4	8.9	8.0
Tex.	Dallas-Fort Worth	28	11.1	11.9	13.0	12.6	11.0	10.7	9.4	9.0	9.2	9.6	10.4	11.0	10.8
	El Paso	39	8.8	9.7	11.6	11.6	10.9	9.9	8.7	8.2	8.0	7.9	8.2	8.3	9.3
	Houston	12	8.2	8.7	9.4	9.1	8.1	7.7	6.8	5.9	6.8	6.6	7.6	7.8	7.7
Utah	Salt Lake City	52	7.6	8.2	9.3	9.5	9.4	9.4	9.5	9.6	9.1	8.5	7.8	7.5	8.8
Vt.	Burlington	36	9.5	9.3	9.3	9.3	8.8	8.3	7.8	7.4	8.1	8.7	9.5	9.7	8.8
Va.	Norfolk	33	11.5	11.9	12.3	11.7	10.2	9.5	8.8	8.8	9.5	10.4	10.6	11.0	10.5
	Richmond	33	7.9	8.5	8.9	8.8	7.7	7.2	6.6	6.3	6.5	6.9	7.4	7.5	7.5
Wash.	Seattle	33	9.8	9.8	10.0	9.7	9.9	8.8	8.3	7.9	8.1	8.7	9.2	9.9	9.1
	Spokane	34	8.7	8.1	9.6	9.8	8.9	8.9	8.3	8.1	8.1	8.0	8.3	8.8	8.7
W. Va.	Charleston	34	7.6	7.8	8.5	7.8	6.2	5.6	5.1	4.4	4.8	5.3	6.8	7.2	6.4
Wis.	Milwaukee	41	12.8	12.7	13.1	13.1	11.8	10.5	9.6	9.5	10.6	11.5	12.6	12.4	11.7
Wyo.	Cheyenne	24	15.3	15.1	14.6	14.3	12.6	11.6	10.4	10.5	11.2	12.3	13.4	14.9	13.0
P.R.	San Juan	26	8.9	9.2	9.6	9.4	8.6	9.0	9.9	9.2	7.6	6.9	7.5	8.5	8.7

<sup>1</sup> City office data.Source: U.S. National Oceanic and Atmospheric Administration, *Comparative Climatic Data*, annual.

Figure 7.3  
U.S. Weather Zone Map of Heating Degree Days (HDD) and Cooling Degree Days (CDD)



- Note: Heating degree days (HDD) refers to the number of degrees the daily average temperature is below 65 degrees Fahrenheit. Cooling degree days (CDD) refers to the number of degrees the daily average temperature is above 65 degrees Fahrenheit.

Source: Chart prepared by U.S. Bureau of the Census.

## NO. 383. NORMAL MONTHLY AND SEASONAL HEATING DEGREE DAYS, 65° BASE—SELECTED CITIES

[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 200.]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala.	Mobile	459	342	191	43	-	-	-	-	-	50	218	382	1,695
Alaska	Juneau	1,339	1,042	1,048	777	574	369	288	322	474	719	969	1,184	9,105
Ariz.	Phoenix	394	269	187	52	-	-	-	-	-	13	159	368	1,442
Ark.	Little Rock	778	585	417	124	18	-	-	-	-	8	132	414	878
Calif.	Los Angeles	288	233	240	180	106	54	17	12	18	55	139	255	1,595
	Sacramento	611	412	366	229	82	21	-	-	-	82	360	601	2,772
	San Francisco	512	375	378	306	226	139	103	89	80	148	315	490	3,161
Colo.	Denver	1,101	879	837	528	253	74	-	-	135	414	789	1,004	8,014
Conn.	Hartford	1,234	1,047	874	486	197	20	-	8	102	391	702	1,113	6,174
Del.	Wilmington	1,048	890	719	378	130	6	-	-	36	282	582	915	4,986
D.C.	Washington	924	770	595	275	68	-	-	-	13	197	469	809	4,122
Fla.	Jacksonville	396	302	166	21	-	-	-	-	-	21	164	332	1,402
	Miami	76	62	14	-	-	-	-	-	-	-	5	42	199
Ga.	Atlanta	716	563	400	133	37	5	-	-	-	130	394	636	3,021
Hawaii	Honolulu	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	Boise	1,088	809	732	492	253	83	-	23	134	406	759	1,023	5,802
Ill.	Chicago	1,352	1,092	899	486	224	38	-	9	75	368	756	1,156	6,455
Ind.	Indianapolis	1,249	1,070	859	411	176	22	-	5	64	361	756	1,153	6,226
Iowa	Des Moines	1,209	983	775	382	158	15	-	-	63	330	696	1,039	5,650
Kans.	Wichita	1,438	1,134	927	435	168	17	-	-	80	257	792	1,218	6,554
Ky.	Louisville	1,097	837	656	275	89	5	-	-	37	219	621	949	4,787
La.	New Orleans	1,008	815	624	264	98	5	-	-	32	250	567	862	4,525
Maine	Portland	1,349	1,176	1,020	666	378	107	22	54	201	515	798	1,215	7,501
Md.	Baltimore	1,001	848	673	334	115	-	-	-	29	261	561	884	4,706
Mass.	Boston	1,097	960	625	489	218	25	-	6	80	329	594	970	5,593
Mich.	Detroit	1,290	1,098	936	528	247	36	5	12	106	414	765	1,132	6,563
Minn.	Sault Ste. Marie	1,603	1,420	1,274	807	480	210	101	123	306	611	966	1,404	9,305
	Duluth	1,820	1,484	1,305	801	456	179	71	115	334	645	1,104	1,587	9,901
Miss.	Minneapolis-St. Paul	1,668	1,330	1,110	570	238	41	12	16	160	488	954	1,420	8,007
Mo.	Jackson	611	462	303	77	9	-	-	-	-	98	316	513	2,389
	Kansas City	1,212	921	729	314	112	12	-	-	42	258	657	1,026	5,283
Mo.	St. Louis	1,122	874	676	279	110	12	-	-	40	258	612	955	4,938
Mont.	Great Falls	1,435	1,072	1,042	659	369	141	20	66	268	536	930	1,218	7,766
Nebr.	Omaha	1,389	1,058	859	390	130	16	-	-	73	342	765	1,172	6,194
Nev.	Reno	1,017	773	756	558	333	124	16	59	171	456	759	1,008	6,030
N.H.	Concord	1,398	1,198	1,020	627	314	57	20	39	191	521	831	1,256	7,482
N.J.	Atlantic City	1,029	890	744	420	165	26	-	-	27	296	582	905	5,086
N. Mex.	Albuquerque	936	717	583	302	81	-	-	-	12	242	630	911	4,414
N.Y.	Albany	1,361	1,165	973	552	252	38	7	15	149	450	771	1,194	6,927
	Buffalo	1,287	1,134	992	588	294	53	9	25	130	423	741	1,122	6,798
N.C.	New York <sup>1</sup>	1,029	885	732	378	134	7	-	-	36	240	534	893	4,868
	Charlotte	760	619	459	155	50	-	-	-	10	166	429	694	3,342
	Raleigh	787	655	496	181	53	-	-	-	9	187	450	713	3,531
N. Dak.	Bismarck	1,807	1,414	1,209	675	324	100	18	57	255	586	1,092	1,536	9,075
Ohio	Cincinnati	1,076	882	682	317	122	8	-	-	39	279	612	933	4,950
	Cleveland	1,225	1,053	860	507	244	33	8	11	99	371	696	1,051	6,178
Oklahoma	Oklahoma City	1,175	986	775	406	178	19	-	5	78	355	687	1,020	5,586
Oreg.	Portland	809	610	592	438	263	118	35	51	111	332	585	747	4,691
Pa.	Philadelphia	1,048	893	719	363	127	-	-	-	33	273	576	915	4,947
R.I.	Pittsburgh	1,187	1,014	822	447	201	28	-	13	101	393	702	1,042	5,955
S.C.	Providence	1,141	1,000	856	513	239	31	-	6	94	366	648	1,014	5,908
S. Dak.	Columbia	637	508	346	87	22	-	-	-	123	339	567	567	2,629
Tenn.	Sioux Falls	1,631	1,285	1,073	561	240	52	14	15	161	489	960	1,404	7,885
	Memphis	787	602	433	126	25	-	-	-	9	137	415	673	3,207
	Nashville	865	699	510	186	55	-	-	-	19	193	492	747	3,756
Tex.	Dallas-Fort Worth	651	469	313	85	-	-	-	-	-	56	300	533	2,407
	El Paso	645	465	318	93	-	-	-	-	-	96	408	639	2,664
	Houston	442	314	175	32	-	-	-	-	-	36	201	349	1,549
Utah	Salt Lake City	1,128	865	756	474	220	53	-	-	97	377	756	1,076	5,802
Vt.	Burlington	1,500	1,313	1,110	669	326	64	23	50	202	530	852	1,314	7,955
Va.	Norfolk	778	669	512	219	53	-	-	-	9	146	393	667	3,446
	Richmond	880	731	552	226	65	-	-	-	24	221	483	778	3,960
Wash.	Seattle-Tacoma	803	622	645	489	313	169	76	97	169	388	606	744	5,121
	Spokane	1,218	913	849	576	339	140	17	63	209	539	903	1,116	6,682
W. Va.	Charleston	995	823	626	298	125	16	-	-	51	301	591	871	4,697
Wis.	Milwaukee	1,435	1,176	1,020	612	334	84	11	25	117	444	831	1,237	7,326
Wyo.	Cheyenne	1,206	1,000	1,020	696	397	139	24	37	235	543	906	1,107	7,310
P.R.	San Juan	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero    <sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

## No. 384. NORMAL MONTHLY AND SEASONAL COOLING DEGREE DAYS, 65° BASE—SELECTED CITIES

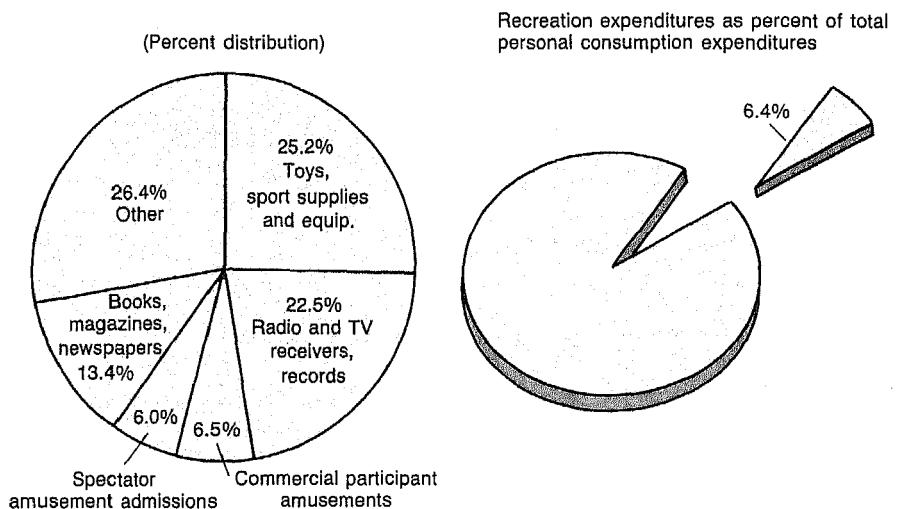
[Airport data, except as noted. Based on standard 30-year period, 1951 through 1980. For definition of "degree day," see text, p. 200.]

STATE	STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
Ala.	Mobile	29	23	39	133	307	465	533	521	396	158	26	13	2,643
Alaska	Juneau	-	-	-	-	-	-	-	-	-	-	-	-	3,746
Ariz.	Phoenix	-	20	51	142	376	645	846	772	588	273	27	6	2,045
Ark.	Little Rock	-	-	20	46	188	495	530	498	287	73	-	-	728
Calif.	Los Angeles	7	12	-	15	25	72	141	176	153	95	25	7	1,198
	Sacramento	-	-	-	25	80	207	329	301	208	48	-	-	115
	San Francisco	-	-	-	-	-	13	16	27	47	12	-	-	680
Colo.	Denver	-	-	-	-	11	134	261	203	63	8	-	-	666
Conn.	Hartford	-	-	-	-	24	128	260	203	51	-	-	-	1,015
Del.	Wilmington	-	-	-	-	43	192	341	304	123	12	-	-	1,430
D.C.	Washington	-	-	-	8	99	285	431	391	196	20	-	-	2,666
Fla.	Jacksonville	30	25	51	102	282	420	505	496	396	160	38	15	2,520
	Miami	141	140	222	309	419	480	539	552	504	400	239	150	4,095
Ga.	Atlanta	-	-	12	37	170	329	422	409	247	44	-	-	1,670
Hawaii	Honolulu	236	221	291	321	388	423	468	496	468	450	348	279	4,389
Idaho	Boise	-	-	-	-	17	41	146	252	223	66	12	-	742
Ill.	Chicago	-	-	-	-	71	208	314	256	82	17	-	-	948
Ind.	Peoria	-	-	-	-	80	213	313	257	111	14	-	-	998
Iowa	Des Moines	-	-	-	-	66	215	354	279	83	22	-	-	1,019
Kans.	Wichita	-	-	8	14	117	208	508	456	205	36	-	-	1,564
Ky.	Louisville	-	-	7	12	110	266	391	353	179	24	-	-	1,342
La.	New Orleans	32	30	59	136	307	459	530	518	405	161	36	13	2,666
Maine	Portland	-	-	-	-	-	23	118	104	9	-	-	-	254
Md.	Baltimore	-	-	-	-	66	221	366	329	145	10	-	-	1,138
Mass.	Boston	-	-	-	-	17	115	266	220	68	13	-	-	699
Mich.	Detroit	-	-	-	-	33	117	219	183	55	8	-	-	615
	Sault Ste. Marie	-	-	-	-	6	12	55	58	-	-	-	-	131
Minn.	Duluth	-	-	-	-	-	11	80	59	-	-	-	-	150
	Minneapolis-St. Paul	-	-	-	-	36	134	263	190	28	11	-	-	662
Miss.	Jackson	13	17	34	80	241	426	524	502	342	98	13	-	2,290
Mo.	Kansas City	-	-	-	-	8	99	270	423	363	144	26	-	1,333
	St. Louis	-	-	-	12	128	306	431	372	181	38	-	-	1,468
Mont.	Great Falls	-	-	-	-	-	48	153	144	40	6	-	-	391
Nebr.	Omaha	-	-	-	6	77	256	394	320	97	16	-	-	1,166
Nev.	Reno	-	-	-	-	11	46	155	117	27	-	-	-	357
N.H.	Concord	-	-	-	-	10	58	160	111	14	-	-	-	353
N.J.	Atlantic City	-	-	-	-	26	152	291	248	75	-	-	-	792
N. Mex.	Albuquerque	-	-	-	-	59	285	428	344	132	6	-	-	1,254
N.Y.	Albany	-	-	-	-	19	89	206	145	35	-	-	-	494
	Buffalo	-	-	-	-	18	88	186	146	43	-	-	-	476
	New York <sup>1</sup>	-	-	-	-	56	199	363	322	135	14	-	-	1,089
N.C.	Charlotte	-	-	7	14	149	304	419	400	220	33	-	-	1,546
	Raleigh	-	9	16	121	270	394	372	372	189	23	-	-	1,394
N. Dak.	Bismarck	-	-	-	-	10	79	186	174	24	-	-	-	473
Ohio	Cincinnati	-	-	-	8	101	230	344	310	144	22	-	-	1,159
	Cleveland	-	-	-	-	33	111	213	178	72	5	-	-	612
Oklahoma	Oklahoma City	-	-	13	40	147	361	530	499	264	61	-	-	1,914
Oreg.	Portland	-	-	-	-	66	175	273	235	102	11	-	-	332
Pa.	Philadelphia	-	-	-	-	6	43	119	122	42	-	-	-	1,075
	Pittsburgh	-	-	-	-	59	202	357	319	129	9	-	-	645
R.I.	Providence	-	-	-	-	37	121	222	186	74	5	-	-	574
S.C.	Columbia	8	6	20	51	223	381	496	471	297	74	6	-	2,033
S. Dak.	Sioux Falls	-	-	-	-	29	154	293	226	41	6	-	-	749
Tenn.	Memphis	-	-	20	54	211	411	530	484	285	72	-	-	2,067
	Nashville	-	-	14	24	151	328	446	415	238	45	-	-	1,661
Tex.	Dallas-Fort Worth	-	7	37	112	275	510	660	636	408	146	18	-	2,809
	El Paso	-	-	11	51	218	474	543	474	273	52	-	-	2,096
	Houston	20	20	51	143	307	468	561	546	402	181	54	8	2,761
Utah	Salt Lake City	-	-	-	-	28	152	388	311	97	5	-	-	981
VI.	Burlington	-	-	-	-	22	61	165	115	16	-	-	-	379
Va.	Norfolk	-	-	-	15	96	282	415	394	225	31	-	-	1,458
	Richmond	-	-	-	13	99	258	397	366	180	23	-	-	1,336
Wash.	Seattle-Tacoma	-	-	-	-	-	25	70	70	19	-	-	-	184
	Spokane	-	-	-	-	8	41	162	159	41	-	-	-	411
W. Va.	Charleston	-	-	-	7	91	196	295	270	129	19	-	-	1,007
Wis.	Milwaukee	-	-	-	-	18	61	182	158	24	7	-	-	470
Wyo.	Cheyenne	-	-	-	-	-	49	145	93	22	-	-	-	309
P.R.	San Juan	357	325	388	414	474	501	527	533	507	508	438	394	5,366

- Represents zero <sup>1</sup> City office data.

Source: U.S. National Oceanic and Atmospheric Administration, *Climatology of the United States*, No. 81, Sept. 1982.

Figure 8.1

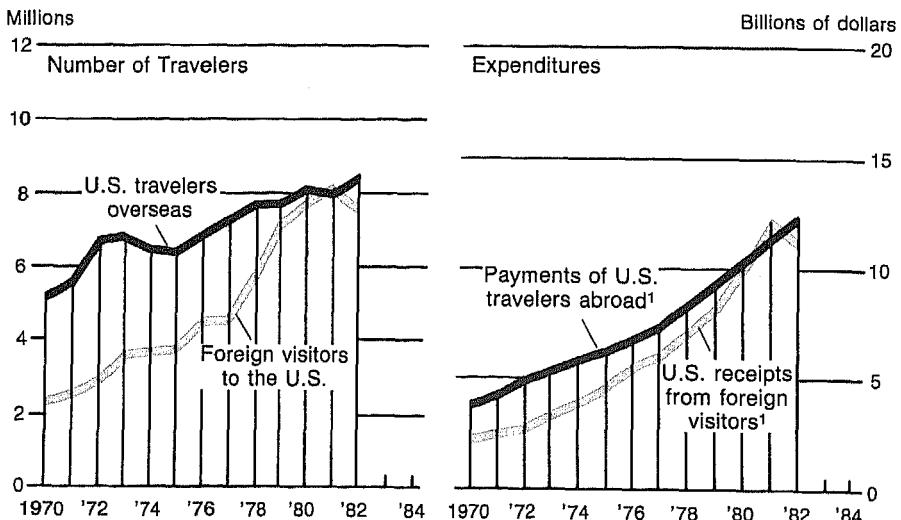
**Personal Consumption Expenditures for Recreation: 1982**

Total personal consumption expenditures = \$1,992 billion.

Personal consumption expenditures for recreation = \$127 billion.

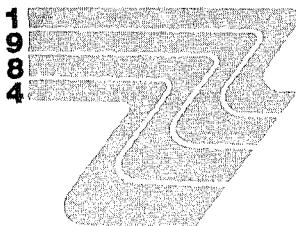
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 391.

Figure 8.2

**Overseas Travelers To and From the United States — Number and Expenditures: 1970 to 1982**

<sup>1</sup> Excludes expenditures for U.S. or foreign flag carriers.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 412 and 413.



## Section 8

# Parks and Recreation

This section presents statistics on national parks and forests, State parks, recreational activities, the arts and humanities, and domestic and foreign travel.

**Parks and recreation.**—The Department of the Interior has responsibility for administering the national parks. As part of this function, it compiles data and issues various reports relating to the usage of public parks for recreation purposes. The National Park Service publishes information on visits to national park areas in its annual report, *National Park Statistical Abstract*; the *Index-National Park System and Related Areas*, a biannual report, presents data on acreage in public parks; and its *National Parks and Landmarks* gives brief descriptions of each area administered by the Service and also covers sites eligible for registry as natural or national historic landmarks and nonfederally owned national historic sites. The National Park Service is also responsible for the administration of the Land and Water Conservation Fund, the Urban Park and Recreation program and several other outdoor recreation programs which were administered by the Heritage Conservation and Recreation Service until its abolishment in 1981.

Statistics for State parks are compiled by the National Association of State Park Directors which issues its annual *Information Exchange*. The Bureau of Land Management, in its *Public Land Statistics*, also issues data on recreational use of its lands. The Department of Agriculture's Forest Service, in its *Report of the Forest Service*, issues data on recreational uses of the national forests.

Statistics on recreation other than usage of public lands have not generally been compiled and published in a systematic way. In general, more data are available in the files of public and private bodies than have been published; and much of what is published is in forms not physically permanent nor likely to be preserved in libraries and other reference sources. The series presented here represent only the more readily available data.

**Visitation.**—Statistics presented on visitation to various recreation areas are collected by several different agencies and groups. The methodology used to collect these results, may vary accordingly from visual counts and estimates to the use of electromagnetic traffic counters. Many factors besides the methodology, may affect the results such as multiple or random access points, irregular boundaries, and many other general factors that may affect usage. In using and comparing these data, one should also be aware of several different definitions that follow: Recreation visit, which is the entry of any person into an area for recreation purposes; nonrecreation visits, which include visits going to and from inholdings, through traffic, tradespeople and personnel with business in the area; and visitor hour, which constitutes the presence of a person in a recreation area or site for recreational purposes for periods of time aggregating 60 minutes.

**Domestic and foreign travel.**—Data on the volume and characteristics of domestic travel are collected and published by the Bureau of the Census as part of its Census of Transportation carried out every 5 years. The most recent data now available are from the 1977 census. Comparable data appear in the Bureau's 1963 *Passenger Transportation Survey*, vol. I, and its 1967 and 1972 *National Travel Survey*, vol. I.

Information on foreign travel and personal expenditures abroad, as well as expenditures by foreign citizens traveling in the United States, is compiled by the U.S. Bureau of Economic Analysis and published in selected issues of the monthly *Survey of Current Business*. Data on the number of passports issued annually to U.S. citizens are to be found in the annual *Summary of Passport Statistics* issued by the U.S. Dept. of State's Bureau of Consular Affairs. Statistics on arrivals to and departures from the United States by air are reported by the Department of Transportation in cooperation with the U.S. Immigration and Naturalization Service in *International Air Travel Statistics*.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

## Parks and Recreation

## No. 385. NATIONAL PARK SYSTEM—SUMMARY: 1960 TO 1982

[For years ending June 30 through 1975, thereafter ending Sept. 30; except as noted. Includes data for 5 areas in Puerto Rico and Virgin Islands and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
<b>Finances (mil. dol.):</b>										
Expenditures reported <sup>1</sup>	74.2	131.6	138.8	341.8	427.0	473.4	482.8	574.3	1,172.9	1,012.5
Salaries and wages	29.9	48.6	82.5	152.1	211.9	223.5	238.3	259.3	302.6	320.1
Improvements, maintenance	4.7	8.3	15.5	40.4	48.7	63.9	67.9	77.3	82.3	98.3
Construction	33.2	55.3	23.9	85.5	82.4	101.5	76.7	126.8	123.2	72.9
Other	6.5	19.5	17.0	63.8	84.0	84.5	99.9	110.8	664.8	521.2
Funds available <sup>1</sup>	115.7	183.1	174.6	428.0	599.6	653.3	616.7	907.9	2,307.7	1,931.3
Appropriations	79.6	128.4	129.4	345.6	492.8	552.1	526.2	539.4	827.0	801.2
Other	36.2	54.7	45.2	82.4	106.8	101.2	90.5	368.5	1,480.7	1,130.1
Revenue from operations <sup>2</sup>	5.7	7.4	8.8	17.2	21.3	22.9	21.1	21.1	22.9	25.5
<b>Visits (millions):</b> <sup>3</sup>										
All areas	79.2	121.3	172.0	238.6	262.6	289.1	282.4	300.3	329.7	334.4
National parks <sup>4</sup>	26.6	36.6	45.9	58.8	62.0	62.9	57.5	60.2	63.3	63.5
National monuments	10.7	12.3	17.3	17.3	18.5	19.1	16.8	16.3	17.1	16.2
National historical, archeological, and military areas	21.8	40.7	47.0	75.7	85.5	88.4	83.9	88.5	95.0	95.1
National parkways	9.0	13.0	27.8	36.0	36.8	37.7	35.0	40.2	43.8	45.1
National recreation areas <sup>4</sup>	3.7	6.2	11.5	23.9	36.2	38.9	41.3	48.1	51.1	52.9
National seashores	.5	3.4	9.1	13.3	16.5	17.6	14.2	15.0	16.0	15.5
National Capital Parks <sup>5</sup>	6.8	9.2	10.3	11.2	2.9	3.3	2.8	4.1	6.7	7.3
Miscellaneous other areas	(X)	(X)	3.0	2.6	4.2	15.1	31.5	28.0	37.3	36.8
Overnight stays reported	9.4	13.0	16.2	16.7	17.5	17.6	16.0	16.5	17.0	16.9
Camper days	4.8	8.1	9.0	8.8	9.3	9.1	7.9	8.3	8.9	8.8
Tents	3.6	5.1	4.7	3.7	4.0	3.8	3.4	3.9	4.2	4.2
Recreation vehicles	1.3	3.0	4.3	5.1	5.3	5.4	4.5	4.4	4.7	4.6
In commercial lodgings	2.8	3.3	4.9	4.0	4.0	4.1	4.0	4.1	4.0	3.3
Other	1.8	1.6	2.2	3.9	4.2	4.3	4.1	4.1	4.1	4.8
<b>Land (1,000 acres):</b>										
Total <sup>6</sup>	25,704	26,549	28,543	29,091	29,571	70,541	70,797	70,936	73,665	74,800
Parks	13,208	13,619	14,307	15,344	15,374	15,679	15,684	15,801	* 44,470	* 45,414
Recreation areas	3,214	3,497	3,628	3,155	3,266	3,255	3,280	3,322	3,327	3,313
Other	9,283	9,432	10,608	10,590	10,931	51,807	51,833	51,813	* 25,868	* 26,073
Acquisition, gross	21	319	83	110	224	266	86	121	70	40
By purchase	6	42	74	70	218	261	65	109	60	37
By gift	10	13	1	(Z)	5	5	4	7	6	3
By transfer or exchange	5	264	10	40	(Z)	(Z)	17	5	4	(Z)
Exclusion	(Z)	(Z)	2	(Z)	(Z)	(Z)	1	(Z)	(Z)	(Z)
Acquisition, net	21	318	82	110	224	266	85	121	70	40

X Not applicable. Z Less than 1,000 acres. <sup>1</sup> For 1960-1980; excludes transfers and allocations from appropriations to other agencies (e.g., Land and Water Conservation Fund, etc.). <sup>2</sup> Beginning 1981, data reflect absorption by National Park Service of activities of former Heritage Conservation and Recreation Service (e.g., Land and Water Conservation Fund). See text, p. 231. <sup>3</sup> Receipts deposited in Treasury; beginning 1975, receipts from annual admission permit (Golden Eagle Passport) and special recreation use fees are available for NPS expenditure. <sup>4</sup> For calendar year. For 1960 excludes visits to White House.

<sup>5</sup> Beginning 1970, combined data for North Cascades National Park and two adjacent National Recreation Areas are included in National Parks total. <sup>6</sup> Beginning 1977, visits to some areas previously included in National Capital Parks now included in other areas. <sup>7</sup> Federal land only, as of Dec. 31. <sup>8</sup> On Dec. 1, 1978 over 40 million acres of public domain land in Alaska were added to the system. <sup>9</sup> Several areas of the National Park System were reclassified as national parks in 1981. Therefore data are not comparable with prior years. <sup>10</sup> Represents U.S. lands alienated by exchange of U.S. and private lands.

Source: U.S. National Park Service, visits, 1960-1970, *Campground Use in the National Park Service*, annual, *Camper Days in Areas Administered by the National Park Service*, annual, and *Public Use of the National Parks*, monthly; 1975, *Public Use of the National Park System*, semiannual; thereafter, *National Park Statistical Abstract*, annual and unpublished data. Land, 1960-1978, *Areas Administered by the National Park Service*, semiannual; thereafter, *Index—National Park System and Related Areas*, biannual. Other data are unpublished.

## No. 386. NATIONAL PARK SYSTEM—TYPES OF AREAS: 1982

[As of September 30. Totals include 5 areas in Puerto Rico and Virgin Islands, and 1 area in Guam. See also *Historical Statistics, Colonial Times to 1970*, series H 806-828]

TYPE OF AREA	Number of areas	Federal acreage	TYPE OF AREA	Number of areas	Federal acreage
National Park System	334	74,800,950	National seashores	10	456,670
National parks	48	45,414,348	Parkways	4	156,886
National historical parks	26	99,138	National lakeshores	4	126,242
National monuments	78	4,455,874	National rivers	11	222,092
National military parks	10	33,526	National Capital Parks	1	6,469
National battlefield sites	10	8,240	Parks, other	10	30,824
National battlefield parks	3	6,675	National recreation areas	17	3,312,589
National historic sites	1	1	National Trail	1	47,939
National memorials	63	16,122	National preserves	12	20,399,164
National historic sites	23	7,988	National Mall	1	146
			White House	1	18

Source: U.S. National Park Service, *Index—National Park System and Related Areas*, biannual.

**NO. 387. SELECTED NATIONAL PARK SERVICE AREAS—ACREAGE, 1982, VISITS AND OVERNIGHT STAYS, 1981 AND 1982**

[Acreage as of December 31. Area selection based on minimum of 5 million visits or 250,000 overnight stays in 1982. For information on methodology and definition of "visits," see text, p. 231]

AREA	Acreage, <sup>1</sup> 1982 (1,000)	1981, total	VISITS (mil.)			OVERNIGHT STAYS <sup>2</sup> (1,000)	
			Total	Recreation	Nonrecreation	1981	1982
<b>Total, all areas<sup>3</sup></b>	<b>79,366</b>	<b>329.7</b>	<b>334.4</b>	<b>244.9</b>	<b>89.5</b>	<b>16,989</b>	<b>16,873</b>
Blue Ridge Parkway, Ga., N.C., Va.	82	17.0	17.8	14.4	3.4	288	268
Cape Hatteras National Seashore, N.C.	30	1.8	1.9	1.7	.2	279	280
Chickamauga and Chattanooga National Military Park, Ga., Tenn.	8	12.5	11.3	.9	10.4	3	2
Colonial National Historical Park, Va.	9	12.2	12.2	8.6	3.6	-	-
Death Valley National Monument, Calif.	2,068	.6	.7	.7	(z)	334	369
Gateway National Recreation Area, N.J., N.Y.	26	9.6	10.1	9.9	.2	5	16
Glacier National Park, Mont.	1,013	1.8	1.7	1.7	(z)	379	342
Glen Canyon National Recreation Area, Ariz., Utah	1,237	1.8	1.8	1.9	.1	1,181	1,323
Golden Gate National Recreation Area, Calif.	73	20.3	19.9	19.9	-	-	-
Grand Canyon National Park, Ariz.	1,218	2.7	2.5	2.3	2	795	802
Grand Teton National Park, Wyo.	311	3.6	3.4	2.5	.9	590	546
Great Smoky Mountains National Park, N.C., Tenn.	520	12.0	12.9	8.2	4.7	521	560
Hot Springs National Park, Ark.	8	5.3	5.0	1.0	4.0	9	8
Kennesaw Mountain National Battlefield Park, Ga.	3	6.7	6.7	1.0	5.7	6	-
Kings Canyon National Park, Calif.	460	.8	.8	.8	(2)	313	263
Lake Mead National Recreation Area, Ariz., Nev.	1,468	5.4	5.6	5.4	.2	1,390	1,563
Natchez Trace Parkway, Miss., Tenn., Ala.	50	16.8	16.6	11.1	5.5	14	17
Olympic National Park, Wash.	915	2.7	3.0	2.5	.5	427	350
Ozark National Scenic Riverways, Mo.	81	1.8	1.9	1.4	.5	263	289
Rocky Mountain National Park, Colo.	267	2.9	2.6	2.6	(z)	310	260
Sequoia National Park, Calif.	402	1.1	1.0	1.0	(z)	441	419
Shenandoah National Park, Va.	195	1.9	1.8	1.7	.1	458	443
Valley Forge National Historical Park, Pa.	4	12.2	12.5	3.4	9.1	-	-
Yellowstone National Park, Idaho, Mont., Wyo.	2,220	2.5	2.4	2.4	(z)	1,386	1,317
Yosemite National Park, Calif.	761	2.6	2.5	2.4	.1	2,127	2,037

- Represents zero. Z Less than 50,000. <sup>1</sup> Includes non-Federal land. <sup>2</sup> The passing of one night by a visitor within a park, and occurs each night a visitor remains in the park. <sup>3</sup> Includes areas not shown separately.

Source: U.S. National Park Service, *National Park Statistical Abstract*, annual, and unpublished data.

**NO. 388. NATIONAL FOREST RECREATION USE—SUMMARY: 1982**

[For year ending September 30. Estimated. Represents recreational use of National Forest land and water which aggregates 12 person-hours; may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. See also *Historical Statistics, Colonial Times to 1970*, series H 829-835]

PLACE WHERE USE OCCURRED	Visitor-days (1,000)	Percent	ACTIVITY	Visitor-days (1,000)	Percent
<b>Sites and areas</b>	<b>233,438</b>	<b>100.0</b>	<b>Total</b>	<b>233,438</b>	<b>100.0</b>
<b>Developed sites</b>	<b>84,328</b>	<b>36.1</b>	Camping	57,089	24.5
Observation sites	1,138	.5	Picnicking	9,160	3.9
Boating and fishing sites	3,914	1.4	Recreation travel (mechanized)	53,789	23.0
Swimming sites, playgrounds, etc.	2,203	1.0	Water travel	8,063	3.5
Campgrounds and trailheads	39,795	17.1	Games and team sports	1,396	.6
Picnic grounds	5,452	2.3	Water skiing and other water sports	986	.4
Hotels, lodges, resorts	4,767	2.0	Swimming and scuba diving	5,209	2.2
Organization sites	5,614	2.4	Winter sports	14,173	6.1
Recreation residence sites	6,261	2.7	Fishing	16,463	7.0
Ski areas and winter sports sites	13,344	5.7	Hunting	16,236	7.0
Documentary areas, concession sites, visitor centers	2,340	1.0	Hiking and mountain climbing	12,734	5.5
<b>Dispersed areas</b>	<b>149,110</b>	<b>63.9</b>	Horseback riding	3,671	1.6
Roads (recreation)	54,583	23.4	Resort use	4,364	1.9
Trails (recreation)	13,243	5.7	Organization camp use	4,157	1.8
Airfields	13	(z)	Recreation cabin use	6,376	2.7
Waters	27,151	11.6	Gathering forest products	5,386	2.3
General undeveloped country	54,120	23.2	Nature study	1,961	.8
			Viewing scenery, sports, environment	8,520	3.6
			Visitor information (exhibits, talks, etc.)	3,703	1.6

Z Less than .05 percent.

Source: U.S. Forest Service, unpublished data.

## Parks and Recreation

NO. 389. RECREATIONAL USE OF PUBLIC LANDS ADMINISTERED BY BUREAU OF LAND MANAGEMENT:  
1970 TO 1982

[For years ending June 30 except, beginning 1977, Sept. 30]

YEAR AND STATE	Num- ber of sites	Devel- oped acre- age (1,000)	Total number of recre- ation visits <sup>1</sup> (mil.)	RECREATION VISITOR HOURS <sup>1</sup> (mil.)				
				Total <sup>2</sup>	Sight- seeing	Off- road vehi- cles	Hunt- ing and fishing	Camp- ing
1970.....	188	10.7	67.2	366.2	54.4	(NA)	254.4	97.2
1975.....	426	13.5	61.1	233.0	68.6	(NA)	147.2	64.8
1976.....	326	12.2	149.9	817.0	223.2	2.9	233.6	90.0
1977.....	364	23.1	144.5	787.5	225.2	3.6	217.6	63.6
1978.....	346	18.6	196.0	1,068.2	303.2	8.1	228.8	75.6
1979.....	410	49.7	146.3	797.3	198.8	16.8	241.6	74.4
1980.....	407	44.8	107.9	588.1	110.2	17.6	280.0	78.0
1981.....	334	43.5	91.5	498.7	95.6	17.9	174.4	50.4
1982, total <sup>3</sup> .....	317	29.0	58.1	317.0	44.6		19.5	128.3
Alaska.....	20	.5	.1	2.9	.1	.1	.2	1.6
Arizona.....	17	1.1	.3	23.0	1.9	1.1	2.8	15.9
California.....	65	4.3	28.0	98.2	31.6	10.7	15.9	19.1
Colorado.....	17	.8	8.3	65.5	2.0	.6	51.3	4.4
Nevada.....	11	16.6	.9	9.5	.1	2.1	4.2	.7
New Mexico.....	9	2.6	1.7	5.3	.4	.2	2.9	.4
Oregon.....	54	1.2	7.0	26.5	2.7	.4	8.6	7.2
Utah.....	40	.2	1.6	15.7	3.3	1.6	2.7	1.9
Wyoming.....	28	.9	1.7	1.1	.1	(Z)	.4	.1

NA Not available. Z Less than 50,000. <sup>1</sup> Includes visits to lands or sites leased to non-Federal interests for recreation purposes. Method of collecting data varied by State and year, therefore some data are not entirely comparable over period shown.<sup>2</sup> Includes other types of recreation not shown separately. <sup>3</sup> Includes States not shown separately.Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

## NO. 390. STATE PARK AND RECREATION AREAS—STATES: 1980 AND 1982

[For years ending June 30. Data are shown as reported by State park directors. In some States, park agency has under its control forests, fish and wildlife areas and/or other areas. In other States, agency is only responsible for State parks]

REGION, DIVISION, AND STATE	Acre- age, 1982 (1,000)	VISITORS (1,000)		EXPENDITURES <sup>1</sup> (mil. dol.)		DIVISION AND STATE	Acre- age, 1982 (1,000)	VISITORS (1,000)		EXPENDITURES <sup>1</sup> (mil. dol.)	
		1980	1982	1980	1982			1980	1982	1980	1982
U.S. ....	9,912	548,912	631,031	993	888	So. Atl. ....	928	61,521	60,498	91	105
Regions:						Del. ....	9	2,801	2,529	4	3
Northeast....	1,575	93,070	119,214	170	207	Md. ....	212	5,240	5,287	2	14
No. Central....	1,682	127,796	172,400	179	177	Va. ....	54	4,402	3,745	5	6
South.....	1,536	159,153	155,199	256	255	W. Va. ....	150	8,205	7,879	17	15
West.....	5,119	168,894	184,218	388	249	N.C. ....	120	4,852	4,766	4	5
N. Eng. ....	771	31,594	31,905	33	32	S.C. ....	74	12,718	13,045	13	12
Maine.....	70	1,846	2,194	2	3	Ga. ....	60	11,813	10,277	10	19
N.H. ....	71	3,662	3,983	9	5	Fla. ....	250	11,489	12,967	32	31
Vt. ....	157	1,211	844	2	4	E. So. Cent. ....	243	55,319	52,950	90	81
Mass. ....	261	9,872	10,423	15	15	Ky. ....	40	29,758	25,117	47	40
R.I. ....	11	7,703	7,703	1	1	Tenn. ....	133	14,989	19,066	18	20
Conn. ....	202	7,300	6,757	2	5	Ala. ....	48	6,508	5,006	13	9
Mld. Atl. ....	804	61,476	87,309	137	175	Miss. ....	22	4,065	3,762	13	11
N.Y. ....	256	39,729	49,075	78	102	W. So. Cent. ....	365	42,313	41,752	75	70
N.J. ....	279	6,134	7,105	36	43	Ark. ....	44	5,786	6,652	15	13
Pa. ....	269	15,613	31,129	2	23	La. ....	36	4,211	1,583	20	11
E. No. Cent. ....	1,017	86,634	124,344	126	133	Okla. ....	95	18,294	16,770	13	17
Ohio.....	304	12,897	55,860	47	45	Tex. ....	193	14,022	16,747	27	29
Ind. ....	54	7,691	8,178	14	14	Mt. ....	759	19,591	30,215	22	49
Ill. ....	338	32,314	30,972	37	47	Mont. ....	46	1,030	3,081	5	3
Mich. ....	248	21,426	20,812	21	16	Idaho. ....	42	2,049	1,915	4	3
Wis. ....	72	12,306	8,523	7	10	Wyo. ....	123	(NA)	521	2	2
W. No. Cent. ....	665	41,162	48,056	53	44	Colo. ....	160	(NA)	6,427	(NA)	16
Minn. ....	217	5,845	6,049	12	12	N. Mex. ....	107	4,104	4,735	7	10
Iowa....	76	8,824	14,000	8	4	Ariz. ....	35	2,352	2,054	2	5
Mo. ....	97	9,283	9,656	13	12	Utah. ....	94	6,718	6,668	(NA)	7
N. Dak. ....	16	1,013	926	4	2	Nev. ....	153	3,338	4,814	2	3
S. Dak. ....	90	4,573	4,980	4	4	Pac. ....	4,360	149,303	154,003	366	200
Neb. ....	137	7,282	8,077	8	7	Wash. ....	220	37,154	40,626	19	20
Kans. ....	31	4,342	4,369	4	4	Oreg. ....	88	34,455	32,215	12	14

NA Not available. Z Less than \$500,000. <sup>1</sup> Covers operating expenditures and fixed capital outlay expenditures.<sup>2</sup> Excludes capital outlay expenditures.Source: National Association of State Park Directors, Indianapolis, Indiana, *Annual Information Exchange*.

## NO. 391. PERSONAL CONSUMPTION EXPENDITURES FOR RECREATION: 1970 TO 1982

[In millions of dollars, except percent. Represents market value of purchases of goods and services by individuals and nonprofit institutions. See *Historical Statistics, Colonial Times to 1970*, series H 878-893, for figures issued prior to 1981 revisions]

TYPE OF PRODUCT OR SERVICE	1970	1975	1977	1978	1979	1980	1981	1982
Total recreation expenditures .....	41,322	65,554	79,370	89,498	98,850	107,119	121,003	126,700
Percent of total personal consumption <sup>1</sup> .....	6.6	6.7	6.6	6.6	6.6	6.4	6.5	6.4
Books and maps .....	2,903	3,775	4,504	5,435	6,107	6,562	7,316	7,787
Magazines, newspapers, sheet music .....	4,005	5,640	6,456	7,213	7,882	8,581	9,108	9,279
Nondurable toys and sport supplies .....	5,474	8,523	10,037	11,299	12,765	13,795	15,188	15,620
Wheel goods, durable toys, sports equipment <sup>2</sup> .....	5,146	9,734	11,969	13,570	15,135	15,933	16,686	16,383
Radio and TV receivers, records, musical instruments .....	8,436	13,970	16,846	18,533	20,860	22,221	24,359	24,604
Radio and television repair .....	1,279	2,246	2,626	2,823	2,975	3,343	3,676	3,923
Flowers, seeds, and potted plants .....	1,775	2,955	3,522	4,128	4,452	4,871	5,406	4,995
Admissions to specified spectator amusements .....	3,210	3,591	4,966	5,802	6,284	6,438	6,919	7,642
Motion picture theaters .....	1,536	1,480	2,376	2,811	2,946	2,750	2,966	3,450
Legitimate theaters and opera, and entertainments of nonprofit institutions <sup>3</sup> .....	501	667	868	1,064	1,223	1,431	1,641	1,717
Spectator sports .....	1,173	1,444	1,742	1,927	2,115	2,257	2,312	2,475
Clubs and fraternal organizations <sup>4</sup> .....	1,216	1,654	1,813	1,921	2,072	2,278	2,521	2,751
Commercial participant amusements <sup>5</sup> .....	2,189	3,615	4,412	5,079	5,384	6,076	7,490	8,296
Parimutuel net receipts .....	1,096	1,568	1,712	1,722	1,762	1,859	2,184	2,313
Other <sup>6</sup> .....	4,593	8,273	10,487	11,973	13,172	15,762	20,150	23,147

<sup>1</sup> See table 744. <sup>2</sup> Includes boats and pleasure aircraft. <sup>3</sup> Except athletic. <sup>4</sup> Consists of dues and fees excluding insurance premiums. <sup>5</sup> Consists of billiard parlors; bowling alleys; dancing, riding, shooting, skating, and swimming places; amusement devices and parks; golf courses; sightseeing buses and guides; private fying operations and other commercial participant amusements. <sup>6</sup> Consists of net receipts of lotteries and expenditures for purchase of pets and pet care services, cable TV, film processing, photographic studios, sporting and recreation camps, and recreational services, not elsewhere classified.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1976*; and *Survey of Current Business*, July 1982 and July 1983.

## NO. 392. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND MARKET AREA: 1974 TO 1981

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit]

TYPE OF PUBLICATION AND MARKET AREA	1974	1975	1976	1977	1978	1979	1980	1981
UNITS SOLD (mil.)								
Total <sup>1</sup> .....	1,411	1,405	1,435	1,529	1,609	1,644	1,693	1,736
Hardbound, total .....	467	459	460	484	512	534	562	595
Softbound, total .....	944	946	975	1,045	1,097	1,110	1,131	1,140
Trade .....	272	248	260	287	323	327	389	391
Adult .....	187	166	176	194	217	226	268	266
Juvenile .....	85	81	84	93	106	101	121	125
Religious .....	62	81	94	106	112	108	99	96
Professional .....	46	44	47	51	50	53	52	52
Bookclubs .....	198	188	207	212	231	221	211	210
Ethi text .....	270	257	242	247	252	261	251	253
College text .....	83	84	84	84	89	92	98	98
Mail order publications .....	30	33	40	40	43	46	51	60
Mass market paperbacks .....	443	461	452	494	500	527	534	564
General retailers .....	533	524	561	618	664	682	736	777
College stores .....	183	177	187	197	201	189	197	201
Libraries and institutions .....	59	61	63	66	70	72	73	64
Schools .....	304	307	289	301	305	319	308	293
Direct to consumers .....	262	260	289	300	317	320	315	325
Other .....	70	82	52	47	52	61	63	74
CONSUMER EXPENDITURES (mil. dol.)								
Total <sup>1</sup> .....	3,954	4,518	5,057	5,762	6,612	7,309	8,219	9,109
Hardbound, total .....	2,712	3,011	3,336	2,707	4,247	4,715	5,223	5,787
Softbound, total .....	1,242	1,507	1,721	2,055	2,365	2,594	2,996	3,322
Trade .....	897	982	1,071	1,265	1,506	1,629	1,984	2,185
Adult .....	711	776	859	1,033	1,239	1,345	1,640	1,821
Juvenile .....	186	206	212	232	267	284	344	364
Religious .....	206	291	350	401	432	460	516	575
Professional .....	441	493	565	645	775	868	994	1,099
Bookclubs .....	287	312	360	396	455	493	524	555
Ethi text .....	605	663	662	739	817	913	936	996
College text .....	482	607	665	720	828	926	1,075	1,210
Mail order publications .....	253	297	378	405	452	499	578	675
Mass market paperbacks .....	477	588	691	860	965	1,073	1,208	1,398
General retailers .....	1,150	1,369	1,594	1,889	2,221	2,542	2,028	3,448
College stores .....	685	812	911	1,047	1,199	1,231	1,437	1,623
Libraries and institutions .....	323	388	434	486	556	605	660	687
Schools .....	771	838	846	954	1,053	1,177	1,222	1,269
Direct to consumers .....	960	1,017	1,203	1,305	1,488	1,659	1,769	1,949
Other .....	65	93	71	81	95	94	108	133

<sup>1</sup> Includes university press publications not shown separately by type.

Source: Book Industry Study Group, Inc., Darien, Conn., *Book Industry Trends*, 1981. (Copyright.)

## Parks and Recreation

## NO. 393. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1960 TO 1982

(Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in title or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarters; and pamphlets under 49 pages. 1980 data not strictly comparable with later years due to changes in classifications. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216)

SUBJECT	1960	1965	1970	1975	1979	1980	1981	1982
Total	15,012	28,595	36,071	39,372	45,182	42,377	48,793	46,935
Agriculture	156	270	265	456	538	461	474	439
Art	470	974	1,169	1,561	2,021	1,691	1,693	1,722
Biography	873	685	1,536	1,968	2,042	1,891	1,860	1,752
Business	305	537	797	820	1,362	1,165	1,342	1,327
Education	348	954	1,178	1,038	1,121	1,011	1,172	1,046
Fiction	2,440	3,241	3,137	3,805	3,264	2,835	5,655	5,419
General reference	282	634	846	1,113	1,471	1,643	1,743	2,398
History	865	1,682	1,995	1,823	2,160	2,220	2,321	2,177
Home economics	197	300	321	728	897	879	1,108	1,099
Juvenile	1,725	2,895	2,640	2,292	3,052	2,859	3,102	3,049
Language	228	527	472	438	560	529	761	576
Law	394	436	604	915	1,218	1,102	1,448	1,451
Literature	736	1,686	3,085	1,904	1,749	1,686	1,777	1,742
Medicine	520	1,218	1,476	2,282	3,267	3,292	3,788	3,229
Music	98	300	404	305	389	357	398	346
Philosophy, psychology	480	979	1,280	1,374	1,377	1,429	1,465	1,465
Poetry, drama	492	994	1,474	1,501	1,361	1,179	1,183	1,049
Religion	1,104	1,855	1,788	1,773	2,325	2,055	2,278	2,075
Science	1,089	2,562	2,358	2,942	3,156	3,109	3,375	3,124
Sociology, economics	754	3,242	5,912	6,590	7,715	7,152	7,801	7,449
Sports, recreation	286	591	799	1,225	1,122	971	1,264	1,191
Technology	698	1,153	1,141	1,720	2,391	2,337	2,313	2,328
Travel	466	883	1,394	794	634	504	472	482

<sup>1</sup> Increase is due largely to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

## NO. 394. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1975 TO 1983

[See headnote, table 393]

SUBJECT	HARDCOVER BOOKS (per vol.)				SUBJECT	PERIODICALS <sup>5</sup>			
	1975	1980	1981	1982		1975	1980	1982	1983
Total <sup>1</sup>	\$16.19	\$24.64	\$26.63	\$30.34	Total	\$19.94	\$34.54	\$44.80	\$50.23
Agriculture	13.72	27.55	31.88	33.54	Agriculture	9.70	15.24	19.76	21.27
Art	17.90	27.70	31.87	31.68	Business and economics	15.26	25.42	32.67	35.57
Biography	14.09	19.77	21.85	22.27	Chemistry and physics	76.84	137.45	177.94	207.94
Business	16.54	22.45	23.09	25.58	Children's periodicals	4.69	7.85	9.90	11.49
Economics <sup>2</sup>	21.65	31.76	29.28	45.12	Education	14.72	23.45	28.18	31.36
Education	10.81	17.01	18.77	20.74	Engineering	26.64	49.15	61.54	76.18
Fiction	8.31	12.48	15.49	13.91	Fine and applied arts	11.09	18.67	23.35	25.17
General reference	21.60	29.84	35.02	37.29	History	11.14	15.77	20.37	22.43
History	15.85	22.78	23.15	26.25	Home economics	14.24	24.63	34.27	35.68
Home economics	10.27	13.31	16.07	16.42	Industrial arts	10.59	20.70	27.13	28.83
Juveniles	5.82	8.16	8.31	8.77	Journalism, communications	14.70	27.34	33.91	37.39
Language	15.80	22.16	22.95	22.85	Labor and industrial relations	7.40	18.84	24.72	29.22
Law	23.22	33.25	36.30	35.61	Law	15.00	23.00	27.53	29.66
Literature	14.89	18.70	19.79	21.40	Library and information science	14.18	23.25	33.52	36.72
Medicine	22.15	34.28	36.47	38.89	Literature and languages	10.41	15.30	19.39	21.19
Music	14.83	21.79	25.82	26.42	Mathematics, botany, geology, and general science	35.95	67.54	87.99	97.26
Philosophy, psychology	12.75	21.70	22.41	23.28	Medicine	42.38	73.37	102.87	112.82
Poetry and drama	10.76	17.85	19.34	19.96	Philosophy and religion	9.05	14.73	17.92	20.21
Religion	11.16	17.61	18.54	17.89	Physical education and recreation	7.80	13.83	16.91	19.07
Science	22.81	37.45	40.63	44.44	Political science	12.79	19.30	25.89	28.97
Sports <sup>3</sup>	10.97	15.92	18.82	20.20	Psychology	27.51	41.95	54.21	59.31
Technology	19.66	33.64	36.76	44.65	Sociology and anthropology	14.85	27.56	36.38	40.54
Travel	15.43	18.80	19.55	22.20	Zoology	27.37	44.58	61.07	70.74
Paperbacks:					General interest periodicals	14.36	19.87	23.83	26.43
Mass market <sup>4</sup>	1.46	(NA)	2.65	2.93					
Trade or other	5.24	8.60	9.76	12.32					

NA Not available. <sup>1</sup> Excludes publications of U.S. and other governmental units; books sold only by subscription and dissertations. <sup>2</sup> Includes sociology. <sup>3</sup> Includes recreation. <sup>4</sup> "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. <sup>5</sup> Average annual subscription prices.

Source: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly*; Sept. 1983, *The Bowker Annual of Library and Book Trade Information*; periodicals, *Library Journal*, Sept. 1983 and earlier issues. (Copyright by Xerox Corporation.)

## No. 395. BOOKS—IMPORTS AND TRANSLATIONS INTO ENGLISH: 1979 TO 1981

[Data on 18 month basis. See headnote, table 393. Imports cover all books printed abroad and distributed in U.S. on exclusive basis]

SUBJECT	IMPORTS			SUBJECT	IMPORTS			LANGUAGE	TRANSLATIONS		
	1979	1980	1981, prel.		1979	1980	1981, prel.		1979	1980	1981, prel.
Imports, total...	5,458	5,390	3,830	Imports—Con.				Translations, total...	1,660	1,353	1,286
Agriculture.....	117	104	65	Law.....	91	112	82	French.....	315	228	220
Art.....	230	157	124	Literature.....	194	183	124	German.....	300	228	247
Biography.....	173	126	79	Medicine.....	540	671	455	Italian.....	60	62	59
Business.....	79	74	46	Music.....	34	35	28	Oriental.....	75	51	61
Education.....	169	133	93	Philosophy, psychology.....	152	218	148	Russian.....	159	106	81
Fiction.....	71	71	56	Poetry, drama.....	139	120	97	Scandinavian.....	35	38	31
General works.....	150	132	104	Religion.....	136	94	73	Spanish.....	61	40	49
History.....	299	296	186	Science.....	890	1,069	752	Other.....	655	600	538
Home economics..	51	40	9	Sociology, economics.....	1,236	1,050	835				
Juvenile.....	43	58	32	Sports, recreation.....	125	85	52				
Language.....	137	134	75	Technical books.....	328	373	283				
				Travel.....	74	55	32				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*, March 12, 1982. (Copyright by Xerox Corporation.)

## No. 396. PHONOGRAPH RECORDS AND MAGNETIC TAPES—SUMMARY: 1975 TO 1982

[Domestic shipments based on reports of manufacturers representing more than 85 percent of the market. Domestic value data based on list prices of records and tapes]

TYPE OF RECORD OR TAPE	NUMBER (mil.)						VALUE (mil. dol.)					
	1975	1978	1979	1980	1981	1982	1975	1978	1979	1980	1981	1982
Domestic shipments, total.....	533	726	701	684	635	576	2,391	4,131	3,685	3,863	3,970	3,632
Phonograph records.....	421	531	514	487	450	379	1,696	2,734	2,411	2,560	2,598	2,177
Long-playing albums.....	257	341	318	323	296	242	1,485	2,473	2,136	2,291	2,342	1,894
Singles.....	164	190	196	164	155	137	212	260	276	270	256	283
Pre-recorded tapes.....	112	195	188	197	186	197	1,695	1,398	1,274	1,903	1,372	1,415
8-track cartridges.....	95	134	105	87	49	14	583	669	669	527	309	36
Cassettes.....	16	61	83	110	137	183	99	450	605	777	1,063	1,379
Imports for consumption <sup>a</sup> .....	16	(NA)	188	214	249	288	61	161	188	221	276	308
Phonograph records.....	9	(NA)	19	18	23	24	12	37	32	34	49	51
Pre-recorded tapes.....	7	29	22	20	20	36	3	10	9	13	11	23
Blank tapes.....	-	147	147	176	206	238	46	114	147	174	216	234

<sup>a</sup> Represents zero. NA Not available. <sup>1</sup> Includes quadraphonic and reel-to-reel tapes. <sup>2</sup> Source: U.S. Bureau of the Census, U.S. *Imports for Consumption and General Imports*, Report FT 246, annual. Number represents net quantity imported. For 1975-1981 value reported on f.a.s. (free alongside ship) transaction basis; beginning 1982, customs value basis.

Source: Except as noted, Recording Industry Association of America, Inc., New York, N.Y., press release.

## No. 397. VIDEO GAMES—SUMMARY FOR COIN-OPERATED AND HOUSEHOLD UNITS: 1977 TO 1982

ITEM	Unit	1977	1978	1979	1980	1981	1982
Coin-operated video games in operation.....	1,000.....	(NA)	(NA)	(NA)	580.0	1,005.0	1,220.0
In arcades.....	1,000.....	(NA)	(NA)	(NA)	170.0	270.0	370.0
Other primary locations <sup>1</sup> .....	1,000.....	(NA)	(NA)	(NA)	40.0	60.0	80.0
Street locations <sup>2</sup> .....	1,000.....	(NA)	(NA)	(NA)	370.0	6750	770.0
Households with video game consoles <sup>3</sup> .....	Millions.....	.7	1.4	2.4	3.6	7.5	14.1
Percent of total households with television.....	Percent.....	.9	1.8	2.9	4.5	8.2	17.0
Industry shipments of <sup>4</sup> —							
Consumer video game consoles.....	Millions.....	.5	.7	.9	2.0	5.5	8.5
Video game cartridges.....	Millions.....	1.1	2.7	4.1	9.6	35.0	83.8
Computer game software units.....	Millions.....	(NA)	(NA)	(NA)	(NA)	1.5	7.2
Coin-operated video games.....	1,000.....	50.0	70.0	106.7	232.0	486.3	480.0
Industry revenues for <sup>4</sup> —							
Consumer video game consoles.....	Mil. dol.....	63.0	109.5	152.0	237.0	710.0	1,175.0
Video game cartridges.....	Mil. dol.....	14.0	36.3	53.9	141.4	547.0	1,360.0
Computer game software units.....	Mil. dol.....	(NA)	(NA)	(NA)	(NA)	25.0	115.0
Coin-operated video games.....	Mil. dol.....	75.0	110.2	177.1	432.2	978.8	1,018.5

NA Not available. <sup>1</sup> Includes restaurants, casino hotels and other game rooms. <sup>2</sup> Includes airports, rail and bus depots, hotels, gas stations, etc. <sup>3</sup> Includes home computers with game-playing capability. <sup>4</sup> Includes shipments to and revenues from non-U.S. sources.

Source: Amusement and Music Operators Association, Oak Brook, Ill., unpublished data.

## Parks and Recreation

## No. 398. HOUSEHOLD PARTICIPATION IN LEISURE TIME ACTIVITIES, BY SELECTED TYPE: 1983

[As of mid-July 1983. Based on national sample survey of 1,500 households conducted by the Gallup Organization, Inc.]

TYPE OF ACTIVITY	Number (mil.)	Per- cent <sup>1</sup>	TYPE OF ACTIVITY	Num- ber (mil.)	Per- cent <sup>1</sup>	TYPE OF ACTIVITY	Num- ber (mil.)	Per- cent <sup>1</sup>
Watching television.....	68	81	Camping .....	17	20	Golf .....	10	12
Listening to music.....	54	64	Vacation trips in U.S.....	29	34	Swimming in own pool .....	7	8
Sewing/needlepoint.....	27	32	Bicycling .....	19	22	Horseback riding .....	8	9
Going to the movies.....	36	42	Tennis .....	10	12	Racquetball .....	6	7
Vegetable gardening.....	35	42	Workshop/home repair .....	25	29	Skiing (downhill) .....	5	6
Pleasure trips in cars.....	37	44	Jogging .....	16	19	Boating (power) .....	8	10
General exercise/ Physical fitness.....	26	31	Bowling .....	17	20	Vacation trips outside U.S.....	5	6
Watching professional sports (TV) .....	33	39	Hunting .....	14	16	Snowmobiling .....	3	4
Fishing .....	26	31	Photography .....	17	20	Cross-country skiing .....	3	4
			Hiking .....	12	14	Archery .....	3	4

<sup>1</sup> Percent of all households.Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey*, unpublished data.

## No. 399. HOME GARDENING—SUMMARY: 1975 TO 1982

[Based on national sample survey conducted by the Gallup Organization. Prior to 1981, survey respondents were questioned only about their own gardening activities. In 1981 and 1982, respondents were questioned about activities of all household members. For the 1982 survey a total of 3,032 adults were interviewed. Subject to sampling variability; see source]

ITEM	1975	1980	1981	1982	CHARACTERISTIC OF RESPONDENT	1982, PERCENT WITH—		
						Veget- able garden	Flower garden	Lawn care
Households with vegetable gardens (mil.).....	35	34	38	38	18-29 years old.....	39	42	59
Percent of total.....	49	43	47	46	30-49 years old.....	46	55	69
					50 years and over.....	50	52	61
Median size of garden (sq. ft.)....	540	663	547	600	Northeast.....	41	46	55
Median yield per garden (dol.)....	258	460	414	470	North Central .....	58	59	75
Median cost per garden (dol.)....	16	19	25	20	South.....	39	45	61
Percent of households—					West.....	44	52	63
With flower gardens.....	39	37	47	50	Central city .....	31	40	47
Engaged in lawn care.....	56	52	65	63	Suburb.....	44	53	67
Growing fruits or berries .....	12	21	30	35	Small town .....	45	49	71
With indoor houseplants .....	40	40	51	48	Rural .....	62	59	73

Source: Gardens for All, The National Association for Gardening, Burlington, Vt., *National Gardening Survey*, annual. (Copyright.)

## No. 400. SPORT FISHING AND HUNTING LICENSES—NUMBER AND COST: 1960 TO 1981

[For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series H 875-876]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Fishing licenses: Sales .....	Million.....	23.3	25.0	31.1	34.7	34.9	34.0	32.8	35.4	35.2	37.9
Resident.....	Million.....	20.2	21.6	26.8	30.0	29.8	29.0	27.9	30.3	30.1	32.6
Nonresident.....	Million.....	3.1	3.4	4.3	4.7	5.1	5.0	4.9	5.1	5.1	5.3
Paid license holders <sup>1</sup> .....	Million.....	19.1	20.5	24.4	27.5	27.8	27.3	26.2	27.9	28.0	29.3
Cost to anglers.....	Mil. dol.....	52	63	91	142	155	156	159	174	196	213
Hunting licenses: Sales .....	Million.....	18.4	19.4	22.2	25.9	25.2	25.4	25.8	28.4	27.0	27.9
Resident.....	Million.....	17.8	18.5	21.0	24.7	24.0	24.1	24.4	25.0	25.6	26.4
Nonresident.....	Million.....	.6	.9	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.5
Paid license holders <sup>1</sup> .....	Million.....	211.8	14.3	15.4	16.6	16.3	16.2	16.3	16.6	16.3	16.6
Cost to hunters.....	Mil. dol.....	61	75	102	155	164	173	185	199	222	242
Federal duck stamps sold.....	1,000.....	1,629	1,566	2,072	2,222	2,219	2,197	2,209	2,216	2,090	2,045

<sup>1</sup> Resident and nonresident. Includes multiple counting of license holders who bought nonresident licenses as well as a home state license. <sup>2</sup> Excludes Colo., Mich., Minn., and Wis.Source: U.S. Fish and Wildlife Service, *Federal Aid in Fish and Wildlife Restoration*, annual.

## No. 401. SPORT FISHERMEN AND HUNTERS—NUMBER AND EXPENDITURES: 1960 TO 1980

[Persons 12 years old and over. Based on sample surveys; for more information on methodology, see source]

ACTIVITY	NUMBER (1,000)					EXPENDITURES (mil. dol.)				
	1960	1965	1970	1975	1980	1960	1965	1970	1975	1980
<b>Total population</b>	<b>131,226</b>	<b>141,928</b>	<b>155,230</b>	<b>171,860</b>	<b>184,691</b>	(x)	(x)	(x)	(x)	(x)
Sportsmen <sup>1</sup>	30,435	32,881	36,277	45,773	46,966	3,852	4,046	7,102	16,768	27,214
Fishermen <sup>1</sup>	25,323	26,348	33,158	41,298	41,873	2,581	2,925	4,959	11,798	18,052
Freshwater	21,677	23,982	29,363	36,599	37,081	2,065	2,126	3,734	8,702	14,441
Saltwater	6,292	8,305	9,460	13,738	13,332	626	800	1,225	3,095	3,611
Hunters <sup>1</sup>	14,637	13,583	14,336	17,094	16,758	1,161	1,121	2,143	4,971	8,938
Small game	12,105	10,576	11,671	14,182	14,843	726	615	946	2,272	2,930
Big game	6,277	6,566	7,774	11,037	12,632	346	419	953	2,128	5,246
Waterfowl	1,955	1,650	2,894	4,284	3,180	69	87	244	570	761

X Not applicable.

<sup>1</sup> See footnote 1, table 402.<sup>2</sup> Includes multipurpose licenses issued in 1980.

## No. 402. PARTICIPATION IN WILDLIFE-ASSOCIATED RECREATION ACTIVITIES—SELECTED CHARACTERISTICS: 1980

[Primary nonresidential activities include trips or outings of at least 1 mile from home for the primary purpose of observing, photographing, or feeding wildlife; trips to zoos, circuses, aquariums and museums. Primary residential activities occur around the home and include observing, photographing, feeding, maintaining natural areas and plantings, and visiting public parks within 1 mile of home. Based on a sample survey; for more information on methodology, see source. For composition of divisions, see fig. 1, inside front cover]

CHARACTERISTIC	U.S. popula- tion (1,000)	FISHED OR HUNTED		PRIMARY NONCONSUMPTIVE ACTIVITY IN WILDLIFE- ASSOCIATED RECREATION					
		Number (1,000)	Per- cent of popu- lation	Primary participants <sup>1</sup>		Nonresidential participants		Residential participants	
				Number (1,000)	Per- cent of popu- lation	Number (1,000)	Per- cent of popu- lation	Number (1,000)	Per- cent of popu- lation
<b>6 YEARS AND OVER</b>									
<b>Total persons</b>	<b>205,255</b>	<b>58,854</b>	<b>29</b>	<b>94,615</b>	<b>46</b>	<b>34,112</b>	<b>17</b>	<b>88,631</b>	<b>43</b>
6-15 years	35,313	12,141	34	11,442	32	5,290	15	8,961	25
16 years and over	169,942	46,713	27	83,173	49	28,622	17	79,670	47
16-17 years	8,612	2,761	32	3,346	39	1,383	16	3,229	39
18-24 years	28,546	8,627	30	11,976	42	5,980	21	10,967	38
25-34 years	37,742	13,022	35	21,355	57	9,236	25	20,154	53
35-44 years	26,117	8,413	32	13,763	53	4,786	18	13,172	50
45-54 years	22,555	5,981	27	10,906	48	3,340	15	10,575	47
55-64 years	21,723	4,683	22	10,801	50	2,482	11	10,663	49
65 years and over	24,648	3,226	13	11,025	45	1,625	7	10,909	44
<b>16 YEARS AND OVER</b>									
Male	80,753	33,243	41	39,152	49	14,811	19	37,012	46
Female	89,190	13,469	15	44,021	49	13,912	16	42,657	48
White	146,999	43,161	29	77,163	53	27,347	19	73,926	50
Black	18,175	2,709	15	4,693	26	961	5	4,511	25
Other races	4,768	843	18	1,316	28	514	11	1,233	26
Census divisions:									
New England	9,382	1,900	20	5,047	54	1,857	18	4,962	53
Middle Atlantic	27,867	5,044	18	12,348	44	4,111	15	11,872	43
East North Central	30,791	8,713	28	18,539	60	6,098	20	17,936	58
West North Central	12,774	4,718	37	7,057	58	3,000	24	6,783	53
South Atlantic	28,066	7,902	28	11,552	41	3,739	13	11,270	40
East South Central	10,792	3,651	34	4,294	40	1,173	11	4,117	38
West South Central	17,550	5,800	33	7,105	41	1,842	11	6,837	39
Mountain	8,415	2,808	33	4,574	54	2,125	25	4,133	49
Pacific	24,326	6,177	25	12,347	51	5,076	21	11,770	48
Household income:									
Under \$5,000	12,997	2,177	17	4,836	37	1,495	12	4,644	36
\$5,000-\$9,999	22,876	4,883	21	9,408	41	2,327	10	9,067	40
\$10,000-\$14,999	21,210	6,133	28	10,278	49	3,802	18	9,688	46
\$15,000-\$19,999	19,310	6,116	32	9,797	51	3,447	18	9,497	49
\$20,000-\$24,999	21,966	7,754	35	13,180	60	4,999	23	12,412	57
\$25,000-\$29,999	16,379	5,848	36	8,988	55	3,572	22	8,641	53
\$30,000-\$34,999	19,428	6,574	34	11,517	59	4,312	22	11,069	57
\$50,000 and over	5,854	1,691	29	3,174	54	1,171	20	3,014	52
Not reported	29,923	5,536	19	12,015	40	3,697	12	11,637	39

<sup>1</sup> Individuals may participate in more than one form of wildlife-related activity; therefore the sum of the component parts will be greater than the number of participants.

Source of tables 401 and 402: U.S. Fish and Wildlife Service and U.S. Bureau of the Census, 1980 National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, 1982.

## No. 403. SELECTED RECREATIONAL ACTIVITIES: 1970 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series H 862-864, H 871, H 874, and H 877]

ACTIVITY	Unit	1970	1975	1978	1979	1980	1981	1982
Softball, amateur: <sup>1</sup>								
Total participants <sup>2</sup>	Million	16	26	29	30	30	30	30
Youth participants		1,000	255	450	570	600	685	690
Adult teams <sup>3</sup>		1,000	29	66	92	102	117	133
Youth teams <sup>3</sup>		1,000	2	9	14	15	18	20
Golfers (15 rounds or more) <sup>4</sup>	1,000	9,700	12,036	12,655	12,870	13,000	13,650	14,100
Golf courses <sup>5</sup>	Number	10,188	12,305	12,684	12,788	12,849	12,894	13,013
9-hole	Number	5,343	6,024	5,985	6,001	5,993	5,950	5,954
18-hole and larger	Number	4,845	6,282	6,699	6,787	6,856	6,944	7,059
Classification:								
Private	Number	4,619	5,085	5,168	5,146	5,151	5,103	5,123
Daily fee	Number	4,248	5,473	5,622	5,702	5,741	5,802	5,871
Municipal	Number	1,321	1,748	1,894	1,940	1,957	1,989	2,019
Tennis: <sup>6</sup> Players	1,000	10,655	<sup>7</sup> <sup>8</sup> 29,201	<sup>7</sup> 31,217	<sup>7</sup> 32,271	(NA)	(NA)	<sup>7</sup> 25,450
Indoor	1,000	(NA)	<sup>7</sup> <sup>8</sup> 4,072	(NA)	5,760	(NA)	(NA)	<sup>7</sup> 4,015
Tennis courts	1,000	(NA)	130.0	(NA)	160.0	(NA)	180.0	(NA)
Indoor	1,000	(NA)	7.8	(NA)	11.9	(NA)	11.2	(NA)
Tenpin bowling: <sup>9</sup>								
Establishments	Number	9,140	8,577	8,698	8,699	8,591	8,528	8,481
Lanes	Number	141	141	152	154	154	154	154
Membership, total <sup>10</sup>	1,000	7,733	8,751	9,717	9,649	9,595	9,621	9,550
American Bowling Congress	1,000	4,210	4,300	4,686	4,662	4,688	4,645	4,685
Women's Bowling Congress	1,000	2,988	3,692	4,177	4,163	4,118	4,049	4,065
Young American Bowling Alliance <sup>11</sup>	1,000	535	759	854	824	789	927	800
Motion picture theaters <sup>12</sup> to	1,000	14	15	16	17	18	18	18
Four-wall	1,000	10	11	13	13	14	15	15
Drive-in	1,000	4	4	3	4	4	3	3
Receipts, box office	Mil. dol.	1,225	2,115	2,643	2,821	2,749	2,966	3,453
Admission, average price	Dollars	1.55	2.05	2.34	2.52	2.69	2.78	2.94
Cycles: <sup>13</sup>								
Domestic shipments	Million	5.0	5.6	7.5	9.0	7.0	6.8	5.2
Imports	Million	1.9	1.7	1.9	1.8	2.0	2.1	1.6
Boating: <sup>14</sup>								
Recreational boats owned	Million	8.8	9.7	11.3	11.6	11.8	12.5	12.9
Outboard boats	Million	5.2	5.7	6.6	6.7	6.8	7.0	7.1
Inboard boats	Million	.6	.8	1.1	1.3	1.2	1.2	1.3
Sailboats	Million	.6	.8	.9	.9	1.0	1.0	1.1
Canoes	Million				{ 1.2	1.3	1.4	1.5
Rowboats and other	Million	2.4	2.4	2.7	1.5	1.5	1.9	1.9
Expenditures, total <sup>14</sup>	Bil. dol.	3.4	4.8	6.7	7.5	7.4	8.3	8.1
Outboard motors in use	1,000	7,215	7,649	7,880	7,958	8,241	8,527	8,776
Motors sold	1,000	430	435	450	375	315	318	293
Value, retail	Mil. dol.	281	411	634	597	554	698	759
Outboard boats sold	1,000	276	328	331	322	290	281	236
Value, retail	Mil. dol.	177	263	430	469	408	431	409
Inboard/outdrive boats sold	1,000	43	70	90	89	56	51	55
Value, retail	Mil. dol.	182	420	819	827	616	653	686
Snowmobiles: <sup>17</sup>								
Factory sales	1,000	172	144	155	115	105	95	80
Apparent consumption <sup>18</sup>	1,000	405	145	183	167	129	112	108

NA Not available. <sup>1</sup> Source: Amateur Softball Association, Oklahoma City, Okla. <sup>2</sup> Amateur Softball Association teams and other amateur softball teams. <sup>3</sup> Amateur Softball Association teams only. <sup>4</sup> Source: National Golf Foundation, North Palm Beach, Fla. <sup>5</sup> Prior to 1975, figures represent facilities. <sup>6</sup> Source: U.S. Tennis Association, Princeton, N.J. <sup>7</sup> Survey by A. C. Nielsen Co. <sup>8</sup> 1976 data. <sup>9</sup> Source: American Bowling Congress, Greendale, Wis. Season ending in year shown.

<sup>10</sup> Beginning 1978, covers members in U.S. only. <sup>11</sup> Prior to 1982, represents American Jr. Bowling Congress and ABC/WIBC Collegiate Division. <sup>12</sup> Source: Motion Picture Association of America, Inc., New York, N.Y. <sup>13</sup> Prior to 1975, figures represent theaters; thereafter, screens. <sup>14</sup> Source: Bicycle Manufacturers Association of America, Inc., Washington, D.C.

<sup>15</sup> Source: National Marine Manufacturers Association, Chicago, Ill. <sup>16</sup> Represents estimated expenditures for new and used boats, motors, accessories, safety equipment, fuel, insurance, docking, maintenance, storage, repairs, and other expenses.

<sup>17</sup> Source: U.S. International Trade Commission, Estimated. <sup>18</sup> Factory sales plus imports minus exports.

Source: Compiled from sources listed in footnotes.

## NO. 404. SELECTED SPECTATOR SPORTS: 1970 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series H 865-870 and H 872]

SPORT	UNIT	1970	1975	1978	1979	1980	1981	1982
Baseball, major leagues: <sup>1,2</sup>								
Attendance.....	1,000.....	29,191	30,373	41,402	44,262	43,746	<sup>3</sup> 27,285	45,415
Regular season.....	1,000.....	28,747	29,789	40,637	43,550	43,014	<sup>3</sup> 26,544	44,587
National League.....	1,000.....	16,662	16,600	20,107	21,178	21,124	<sup>3</sup> 12,478	21,507
American League.....	1,000.....	12,085	13,189	20,530	22,372	21,890	<sup>3</sup> 14,066	23,080
Playoffs.....	1,000.....	191	276	428	344	407	403	443
World Series.....	1,000.....	253	308	337	368	325	338	385
Basketball: <sup>4</sup>								
College: <sup>5</sup> Teams.....	Number.....	(NA)	(NA)	1,253	1,240	1,258	1,275	1,264
Attendance.....	1,000.....	(NA)	(NA)	29,104	30,025	30,892	30,935	31,106
Professional, attendance: <sup>1,6</sup>	1,000.....	77,113	110,954	10,672	10,665	10,677	10,235	10,732
Football:								
College: <sup>5</sup> Teams.....	Number.....	617	634	643	643	642	648	649
Attendance.....	1,000.....	29,466	31,688	34,252	35,020	35,541	35,807	36,539
Pro: <sup>7</sup> Total attendance.....	1,000.....	10,071	10,769	13,476	13,916	14,092	14,326	14,504
Regular season.....	1,000.....	9,533	10,213	12,771	13,182	13,392	13,807	13,867
Average per game.....	Number.....	52,381	56,116	57,017	58,848	59,787	60,745	58,472
Postseason games <sup>8</sup> .....	1,000.....	538	556	704	734	700	719	711
North American Soccer League: <sup>1,9</sup>								
Teams.....	Number.....	6	20	24	24	24	21	14
Attendance.....	1,000.....	(NA)	1,825	5,351	5,800	6,194	5,429	3,229
National Hockey League: <sup>1,11</sup>								
Regular season attendance.....	1,000.....	5,992	9,522	8,526	8,333	<sup>12</sup> 10,534	10,726	10,710
Playoffs attendance.....	1,000.....	462	784	686	694	<sup>12</sup> 977	966	1,058
World Hockey Association: <sup>4,13</sup>								
Regular season attendance.....	1,000.....	(X)	4,096	2,890	2,193	<sup>(12)</sup>	<sup>(12)</sup>	<sup>(12)</sup>
Playoffs attendance.....	1,000.....	(X)	336	231	186	<sup>(12)</sup>	<sup>(12)</sup>	<sup>(12)</sup>
Horse racing: <sup>14,15</sup> Racing days.....	Number.....	9,982	13,110	13,147	13,160	13,133	13,464	13,523
Attendance.....	1,000.....	69,704	78,662	75,324	72,783	74,690	75,463	76,858
Parimutuel turnover.....	Mil. dol. ....	5,977	7,862	10,029	10,728	11,218	11,677	11,888
Revenue to government.....	Mil. dol. ....	486	582	673	681	713	680	653
Greyhound: <sup>14</sup> Racing days.....	Number.....	3,023	3,980	5,501	6,110	5,855	6,379	6,499
Attendance.....	1,000.....	12,660	17,458	20,272	21,127	20,874	21,424	21,375
Parimutuel turnover.....	Mil. dol. ....	730	1,261	1,746	1,985	2,084	2,173	2,179
Revenue to government.....	Mil. dol. ....	53	91	128	145	152	152	160

<sup>1</sup> Not available.<sup>2</sup> Excludes Alaska and Hawaii.Baseball Clubs, New York, N.Y., *National League Green Book*; and The American League of Professional Baseball Clubs, New York, N.Y., *American League Red Book*.<sup>3</sup> Season was interrupted by strike.<sup>4</sup> Season ending in year shown.<sup>5</sup> Source: National Collegiate Athletic Assn., Mission, Kans.<sup>6</sup> Source: National Basketball Assn., New York, N.Y. Includes playoffs.<sup>7</sup> Includes American Basketball Assn., which, beginning 1977, ceased operation.<sup>8</sup> Source: National Football League, New York, N.Y.<sup>9</sup> Includes Pro Bowl, a non-championship game and Super Bowl.<sup>10</sup> Source: North American Soccer League, New York, N.Y.<sup>11</sup> Source: National Hockey League, Montreal, Quebec.<sup>12</sup> World Hockey Association ceased operation after 1978-1979 season. Four former WHA teams joined NHL in 1979-1980 season.<sup>13</sup> Source: The World Hockey Assn., Hartford, Conn.<sup>14</sup> Source: National Assn. of State Racing Commissioners, Lexington, Ky.<sup>15</sup> Includes thoroughbred, harness, quarter horse, and fair.

Source: Compiled from sources listed in footnotes.

## NO. 405. FINANCIAL SUPPORT OF THE ARTS BY PRIVATE BUSINESS—SUMMARY: 1967 TO 1979

[Based on a sample survey of business organizations listed in Dun &amp; Bradstreet's Million Dollar Directory and Middle Market Directory. For 1979, 1,343 of 17,172 companies responded. Subject to sampling variability; contact source for details.]

YEAR	TOTAL SUPPORT (mil. dol.)		TYPE OF ART FORM	PERCENT OF CONTRIBUTOR SUPPORTING—			PERCENT OF TOTAL SUPPORT GIVEN TO—		
	Current dollars	Constant (1970) dollars		1973	1976	1979	1973	1976	1979
1967.....	22	26	Museums.....	20	53	56	18	22	19
1970.....	68	68	Symphony orchestras.....	27	68	69	13	12	12
1973.....	144	126	Public radio, television.....	11	36	35	11	19	11
1976.....	221	151	Art or cultural centers.....	15	34	37	9	9	10
1979.....	436	233	Art funds, councils.....	13	33	36	7	5	7
			Theaters.....	11	42	51	3	7	7
			Art exhibits.....	5	14	15	4	1	5

Source: Business Committee for the Arts, Inc., New York, N.Y., press release.

## Parks and Recreation

## NO. 406. FEDERAL AID TO THE ARTS AND HUMANITIES: 1970 TO 1982

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30]

TYPE OF FUND AND PROGRAM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>National Endowment for the Arts:</b>										
Funds available <sup>1</sup> .....	15.7	71.8	86.9	95.6	114.5	142.0	179.6	188.1	186.8	133.4
Program appropriation .....	6.3	54.3	67.3	74.5	77.5	89.1	102.1	97.0	113.9	103.3
Non-Federal gifts <sup>2</sup> .....	2.0	7.3	7.7	7.5	16.5	25.5	37.5	42.9	34.9	30.6
Matching funds <sup>3</sup> .....	2.0	6.5	7.5	7.5	16.5	25.5	37.5	42.9	34.8	30.6
Grants awarded (number) .....	556	2,957	3,071	4,325	4,302	4,225	5,090	5,651	6,597	5,090
Funds obligated .....	12.9	67.6	81.7	92.6	112.6	141.9	178.4	166.4	150.6	132.0
Music .....	2.5	16.1	14.9	17.2	17.3	19.5	16.4	13.6	16.2	14.1
State arts agencies .....	1.9	10.6	14.7	15.6	16.3	18.9	22.8	22.1	23.7	21.3
Museums .....	(NA)	9.0	10.8	11.4	10.9	12.4	11.6	11.2	13.2	11.5
Theater .....	2.8	5.0	6.4	6.3	6.9	7.5	8.3	8.4	10.8	9.6
Dance .....	1.7	3.9	6.1	5.6	6.0	7.0	8.1	8.0	9.1	8.4
Public media .....	.2	4.9	5.4	9.3	8.0	9.0	9.4	8.4	12.8	10.1
Challenge <sup>4</sup> .....	(X)	(X)	(X)	(X)	18.0	36.0	59.8	50.8	14.9	14.4
Other .....	3.8	18.3	23.3	27.2	29.2	31.7	42.0	43.8	49.9	42.5
<b>National Endowment for the Humanities:</b>										
Funds available <sup>1</sup> .....	13.0	65.6	86.0	98.8	124.3	137.8	186.9	186.2	144.4	121.0
Program appropriation .....	6.1	44.5	67.3	72.0	77.5	87.8	98.3	100.3	106.5	90.4
Non-Federal gifts <sup>2</sup> .....	2.0	6.5	6.5	7.5	16.0	25.0	36.5	38.4	(X)	(X)
Matching funds <sup>3</sup> .....	2.0	6.5	6.5	7.5	16.0	25.0	36.5	38.4	33.5	28.8
Grants awarded (number) .....	542	1,293	1,390	1,614	2,045	2,701	2,599	2,917	2,760	2,143
Funds obligated .....	10.5	60.2	73.1	86.6	116.8	149.0	185.1	185.5	144.4	115.8
Education programs .....	4.2	17.1	17.1	20.0	20.1	19.8	20.0	18.3	17.3	12.9
State programs .....	(X)	(X)	(X)	(X)	19.9	20.5	24.7	26.0	26.0	22.8
Research grants .....	2.0	13.7	13.4	18.6	22.2	26.3	32.2	32.0	25.5	25.7
Fellowship program .....	1.7	7.5	10.9	11.7	13.2	15.5	16.8	18.0	17.5	16.5
Public programs .....	1.7	19.0	26.3	31.2	35.7	19.4	23.7	25.1	21.5	(X)
Special programs and planning .....	.9	2.9	5.5	5.1	6.6	7.9	12.1	12.6	12.5	(X)
General programs .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	16.2
Planning .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	.9

NA. Not available. X. Not applicable. <sup>1</sup> Includes other funds, not shown separately. Excludes administrative funds. Gifts are included through 1980; excluded thereafter. <sup>2</sup> Gifts received by the Endowment for the support of a cultural organization, which release a like amount in Federal funds. <sup>3</sup> Represents Federal funds appropriated only upon receipt or certification by Endowment or matching non-Federal gifts. <sup>4</sup> Program designed to stimulate new sources and higher levels of giving to institutions for the purpose of guaranteeing long-term stability and financial independence. Program requires a match of 3 private dollars to each Federal dollar. Funds for Challenge grants are not allocated by program area because they are awarded on a grant-by-grant basis. <sup>5</sup> Includes \$5.2 million reappropriated to challenge grants in 1983.

Source: U.S. National Endowment for the Arts, *Annual Report*; and U.S. National Endowment for the Humanities, *Annual Report*.

## NO. 407. STATE LEGISLATIVE APPROPRIATIONS FOR STATE ARTS AGENCIES: 1975 TO 1983

[For fiscal years ending in year shown. Fiscal years for most States ended June 30]

STATE	1975, total (\$1,000)	1980, total (\$1,000)	1982, total (\$1,000)	1983		STATE	1975, total (\$1,000)	1980, total (\$1,000)	1982, total (\$1,000)	1983	
				Total (\$1,000)	Per capita <sup>1</sup> (cents)					Total (\$1,000)	Per capita <sup>1</sup> (cents)
<b>Total....</b>	<b>58,152</b>	<b>101,029</b>	<b>121,105</b>	<b>125,031</b>	<b>(X)</b>	N.H.....	45	153	50	93	10.0
Ala.....	125	525	524	540	13.8	N.J.....	793	3,333	3,039	3,500	47.3
Alaska.....	216	1,675	4,722	4,976	1,207.7	N. Mex.....	65	203	409	521	39.2
Ariz.....	83	233	433	419	15.0	N.Y.....	35,653	33,285	35,425	35,340	200.8
Ark.....	167	846	753	743	32.4	N.C.....	222	1,379	2,422	2,613	43.9
Calf.....	1,000	7,891	12,800	11,500	47.5	N. Dak.....	5	101	144	131	19.9
Colo.....	1,251	609	772	846	28.5	Ohio.....	976	4,709	5,544	5,024	46.6
Conn.....	394	1,305	878	904	28.8	Oklahoma.....	95	552	1,193	1,774	57.2
Del.....	43	123	396	428	71.6	Oreg.....	53	335	369	342	12.9
D.C.....	30	356	784	882	139.8	Pa.....	1,490	2,594	4,006	4,758	40.1
Fla.....	399	2,378	3,832	3,998	39.3	R.I.....	267	359	394	395	41.5
Ga.....	102	1,102	1,692	1,563	26.0	S.C.....	596	941	1,070	1,338	42.2
Hawaii.....	599	1,545	1,933	1,586	161.6	S. Dak.....	85	155	167	199	29.0
Idaho.....	23	86	101	103	10.8	Tenn.....	412	517	483	482	10.4
Ill.....	925	2,246	2,845	2,752	24.0	Tex.....	160	1,215	1,481	1,803	12.2
Ind.....	161	1,277	1,294	1,294	23.7	Utah.....	268	1,088	1,236	1,298	85.5
Iowa.....	71	313	305	374	12.9	Vt.....	50	108	182	185	35.8
Kans.....	79	262	381	411	17.2	Va.....	265	1,230	1,301	1,401	25.8
Ky.....	225	857	1,228	1,333	36.4	Wash.....	246	579	536	607	14.4
La.....	60	857	2,021	1,978	45.9	W. Va.....	360	1,563	2,009	1,808	92.6
Maine.....	163	180	207	217	19.2	Wis.....	60	719	799	818	17.2
Md.....	450	1,345	1,324	1,811	42.5	Wyo.....	15	63	88	143	29.1
Mass.....	1,600	2,300	4,000	5,500	95.3	Am. Samoa.....	60	43	80	48	147.1
Mich.....	2,105	6,076	5,156	5,617	61.0	Guam.....	37	74	84	92	86.5
Minn.....	300	2,845	2,052	1,542	37.7	P.R.....	3,605	4,980	5,021	5,192	162.4
Miss.....	113	307	440	435	17.2	V.I.....	160	103	137	151	156.2
Mo.....	1,249	2,531	2,346	2,494	50.5	Marianas.....	-	-	10	30	178.8
Mont.....	28	93	129	139	17.6						
Nebr.....	129	399	459	466	29.6	No.....					
Nev.....	15	87	101	94	11.2	Am. Samoa.....					

- Represents zero. X. Not applicable. <sup>1</sup> Based on enumerated resident population as of July 1, 1981.

Source: National Assembly of State Arts Agencies, Washington, D.C., unpublished data.

## NO. 408. PERFORMING ARTS—SELECTED DATA: 1960 TO 1982

(Receipts and expenditures in millions of dollars. For season ending in year shown, except as indicated)

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>Legitimate theater:</b>											
Broadway shows:											
New productions.....	58	67	62	59	62	63	54	47	67	48	49
Playing weeks <sup>2</sup> .....	1,156	1,250	1,047	1,101	1,136	1,347	1,360	1,472	1,545	1,461	1,259
Number of tickets sold (1,000).....	(NA)	(NA)	(NA)	(NA)	7,181	8,815	8,621	9,115	10,822	10,694	8,102
Gross box office receipts.....	45.7	50.5	53.3	57.4	70.8	93.4	103.8	128.1	194.4	221.2	203.1
Road shows:											
Playing weeks <sup>3</sup> .....	726	643	1,024	799	814	987	1,025	1,192	1,343	1,317	990
Gross box office receipts.....	27.3	25.8	48.0	50.9	52.6	82.6	105.6	143.9	218.9	249.5	184.3
<b>Opera companies:</b>											
Major .....	754	732	648	807	913	914	956	966	986	1,019	993
Expenditures.....	(NA)	27	35	54	65	68	78	95	109	127	133
Other companies.....	(NA)	(NA)	36.5	(NA)	71.8	79.7	98.3	111.5	133.6	161.6	191.1
Workshops .....	403	296	266	395	412	424	458	456	458	456	416
Opera performances.....	351	409	347	418	436	422	420	415	419	436	444
Opera performed.....	287	331	341	387	427	427	448	498	497	559	571
Musical performances.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	906	1,430	1,397	2,251	2,233
Musicals performed.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	43	72	104	118	122
World premieres .....	(NA)	(NA)	17	16	45	33	42	64	79	88	94
Attendance (mil.).....	(NA)	(NA)	4.6	8.0	8.9	9.2	9.8	9.9	10.7	11.1	10.1
<b>Symphony orchestras:</b>											
College .....	1,226	1,385	1,441	1,463	1,410	1,453	1,470	1,540	1,572	1,572	1,572
Community <sup>4</sup> .....	250	290	298	300	356	356	278	379	385	385	385
Urban .....	933	1,032	1,019	1,003	872	888	950	909	926	926	919
Metropolitan .....	(?)	(?)	24	41	56	69	76	73	85	85	94
Regional.....	18	38	72	90	79	86	106	113	115	115	110
Major .....	25	25	28	29	31	31	31	31	32	31	30
Concerts .....	(NA)	5,558	6,599	14,171	14,776	17,421	18,027	22,098	22,229	19,327	19,204
Attendance (mil.).....	(NA)	11.6	12.7	19.3	20.0	21.0	21.4	22.4	22.6	22.8	22.0
Gross income .....	(NA)	52.0	73.3	124.5	137.0	154.1	178.1	216.8	246.3	288.9	325.5
Earned Income .....	(NA)	(NA)	43.1	70.9	78.3	89.0	102.5	122.6	141.2	163.3	187.6
Contributed Income.....	(NA)	(NA)	30.2	53.6	58.7	65.1	75.6	94.2	105.1	125.6	137.9
Gross expenses.....	(NA)	53.0	76.4	129.5	141.5	160.9	183.1	221.0	252.1	289.3	315.3

NA Not available. <sup>1</sup> Source: *Variety*, New York, N.Y., June 1, 1983 issue (copyright). <sup>2</sup> All shows (new productions and holdovers from previous seasons). <sup>3</sup> Eight performances constitute one playing week.<sup>4</sup> Source: Central Opera Service, New York, N.Y., *Central Opera Service Bulletin*, periodic. Major companies have annual budgets of \$100,000 or more and issue American Guild of Musical Artists (AGMA) contracts to soloists. Workshops are primarily college and university opera groups.<sup>5</sup> Source: American Symphony Orchestra League, Inc., Washington, D.C. For years ending Aug. 31. Orchestras other than college groups are principally defined by their annual budgets: As of 1982, community, under \$100,000; urban, \$100,000-\$225,000; metropolitan, \$225,000-\$850,000; regional, \$850,000-\$3,000,000; and major, over \$3,000,000. Prior to 1982, other budget classifications were in effect.<sup>6</sup> Beginning 1976, includes youth and chamber groups with budgets under \$70,000.<sup>7</sup> Classification began in 1967. <sup>8</sup> Classification began in 1976.

Source: Compiled from sources listed in footnotes.

## NO. 409. NONPROFIT MUSEUMS—SELECTED CHARACTERISTICS, BY TYPE OF MUSEUM: 1979

[For fiscal years of museums ending in 1979. Based on a sample of 1,373 nonprofit museums. Subject to sampling variability; see source]

ITEM	Unit	Total	History	Science	Art	General	Specia-	Park and visitor centers	Children's and junior
Museums.....	Number.....	4,408	2,204	800	609	382	197	165	51
Percent with general admission fee.....	Percent.....	31.8	33.3	38.8	15.9	24.8	61.5	14.8	40.7
Private nonprofit institution.....	Number.....	2,354	1,335	273	367	193	140	15	32
Government.....	Number.....	1,466	746	323	73	131	45	145	5
Educational institution.....	Number.....	476	48	188	166	51	13	1	12
Other.....	Number.....	115	77	17	5	8	1	6	2
Operating income.....	Mil. dol.....	1,088	261	380	294	88	27	30	8
Earned income.....	Mil. dol.....	460	101	160	143	31	16	5	3
Federal government.....	Mil. dol.....	148	48	52	25	8	1	13	1
State government.....	Mil. dol.....	126	67	25	14	14	1	4	(2)
Local government.....	Mil. dol.....	188	18	96	42	21	3	6	2
Individual contributions.....	Mil. dol.....	47	9	14	19	3	2	(2)	1
Foundations.....	Mil. dol.....	46	6	18	16	3	1	1	1
Corporations.....	Mil. dol.....	26	3	6	14	2	1	(2)	(2)
Other.....	Mil. dol.....	48	7	10	23	5	2	1	(2)
Operating expenditures <sup>1</sup> .....	Mil. dol.....	1,005	226	368	264	84	27	28	8
Administration.....	Mil. dol.....	200	55	55	60	16	6	6	2
Building and maintenance.....	Mil. dol.....	190	48	71	40	14	5	10	1
Exhibits.....	Mil. dol.....	131	24	58	34	9	4	1	1
Curatorial.....	Mil. dol.....	128	22	51	36	15	2	2	1
Annual attendance.....	Million.....	347.8	85.8	150.3	49.8	24.4	8.7	28.2	2.7
Regular full-time staff.....	Number.....	37,533	8,964	13,439	9,982	3,100	897	861	410

Z Less than \$500,000. <sup>1</sup> Excludes museums not reporting expenditure distributions. Total includes other types of expenditures, not shown separately.Source: U.S. National Center for Education Statistics, *Museum Program Survey*, 1979.

## Parks and Recreation

## NO. 410. CHARACTERISTICS OF HOUSEHOLD TRIPS, BY PURPOSE OF TRIP: 1977

[A trip is counted each time a person goes at least 100 miles away from home]

CHARACTERISTIC	Total household trips (mil.)	PERCENT						
		Total	Visit relatives, friends	Business, convention	Outdoor recreation	Personal affairs, medical	Entertainment	Sightseeing
Total...	313	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Means of transport:								
Auto/truck.....	236	75.5	81.5	61.9	90.2	82.3	75.1	67.3
Bus.....	12	3.8	2.8	1.2	3.6	2.6	8.9	11.5
Train.....	3	1.0	1.2	1.5	.2	.9	.8	1.0
Airplane.....	52	16.7	11.4	33.0	3.9	10.3	12.6	17.3
Other <sup>1</sup> .....	9	2.9	3.2	2.4	2.1	4.0	2.6	2.9
Used a travel agent.....	24	7.6	4.9	11.5	3.5	3.9	10.3	19.2
Rented a car.....	16	5.1	2.1	11.3	2.0	2.9	4.6	5.9

<sup>1</sup> Includes different means of going and coming.Source: U.S. Bureau of the Census, *Census of Transportation, 1977, National Travel Survey*.

## NO. 411. PASSPORTS, BY CHARACTERISTICS OF TRAVELERS AND OBJECT: 1960 TO 1982

[In thousands. Total passports are actual count; all other data based on a sample and prorated to total passports. Data subject to error since sample size varied through 1970; beginning 1974, based on a sample of approximately 10 percent of total volume of passports. Data refer to number of passports issued, not travelers. Excludes passport renewals. A single passport may cover more than one trip and more than one person. See also *Historical Statistics, Colonial Times to 1970*, series H 689-920]

CHARACTERISTIC	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total passports.....	853	1,330	2,219	2,415	2,334	2,817	3,107	3,234	3,170	3,020	3,222	3,764
Male.....	420	699	1,124	1,155	1,128	1,354	1,496	1,555	1,543	1,497	1,552	1,849
Female.....	433	631	1,095	1,260	1,206	1,463	1,611	1,679	1,627	1,523	1,670	1,915
Under 20 years.....	83	198	362	448	405	460	511	541	567	518	524	621
20-29 years.....	148	264	507	491	458	530	566	580	581	511	567	634
30-39 years.....	143	206	293	348	345	432	496	535	547	533	584	665
40-49 years.....	136	217	356	371	347	423	452	472	465	437	470	544
50-59 years.....	156	203	341	383	384	484	527	545	506	474	493	552
60 years and over.....	187	242	360	374	395	488	552	561	504	519	584	748
Object of travel: <sup>1</sup>												
Pleasure, personal reasons.....	673	1,022	2,008	1,767	1,692	2,114	2,108	2,389	2,094	2,076	2,266	2,035
Business.....	24	76	40	268	273	273	191	164	202	162	144	119
Education.....	31	31	20	153	132	126	79	75	93	80	62	57
Religion, health, other.....	9	10	5	21	26	16	11	13	15	13	11	11
Government.....	116	191	146	149	132	135	154	143	147	136	140	184
Not stated.....	(NA)	(NA)	(NA)	57	79	153	564	450	619	553	599	1,358

NA Not available. <sup>1</sup> Data not entirely comparable because of changes in classifications.Source: U.S. Dept. of State, Bureau of Consular Affairs, *Summary of Passport Statistics*, annual.

## NO. 412. FOREIGN TRAVEL TO THE U.S.—TRAVELERS AND EXPENDITURES: 1970 TO 1982

[Travelers in thousands; expenditures in millions of dollars. Includes travelers for business and pleasure, foreigners in transit through the United States, and students; excludes travel by foreign government personnel and foreign businessmen employed in the United States. Travelers from overseas excludes Canada and Mexico. See also *Historical Statistics, Colonial Times to 1970*, series H 946-951]

AREA OF ORIGIN	1970	1974	1975	1976	1977	1978	1979 <sup>1</sup>	1980 <sup>1</sup>	1981 <sup>1</sup>	1982 <sup>1</sup>
Travelers from overseas.....	2,288	3,700	3,674	4,456	4,509	5,764	7,230	7,706	8,069	7,617
Western Europe.....	984	1,544	1,500	1,892	1,885	2,483	3,195	3,368	3,530	3,070
Caribbean, Central America.....	484	508	478	573	578	703	855	835	869	902
South America.....	318	401	438	510	573	773	995	1,168	1,221	1,172
Japan.....	207	764	747	766	750	806	1,095	1,323	2,335	2,449
Other.....	295	463	511	715	723	919	1,150	1,235	2,473	
Total expenditures.....	2,331	4,032	4,697	5,742	6,150	7,183	8,441	10,131	12,163	11,283
Canada.....	859	1,225	1,561	1,983	2,150	2,248	2,092	2,601	2,672	2,624
Mexico.....	583	1,142	1,311	1,364	1,316	1,456	1,975	2,522	3,775	2,848
U.S. border area.....	520	858	972	1,023	967	951	1,266	1,614	2,547	2,058
Western Europe.....	318	570	611	652	1,003	1,323	1,667	1,942	2,152	2,071
Caribbean, Central America.....	170	216	206	289	276	322	375	417	474	517
South America.....	164	237	303	360	455	660	793	977	1,108	1,125
Japan.....	101	402	410	439	450	539	699	774	865	952
Other.....	136	240	295	455	500	635	840	998	1,117	1,156
Fares to U.S. carriers <sup>2</sup> .....	377	813	767	937	1,025	1,238	1,677	2,053	2,455	2,497

<sup>1</sup> Preliminary data for number of travelers. <sup>2</sup> Includes fares paid to and from the United States only.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1983, and earlier issues.

## No. 413. U.S. TRAVEL TO FOREIGN COUNTRIES—TRAVELERS AND EXPENDITURES: 1970 TO 1982

[Travelers in thousands; expenditures in millions of dollars, except as indicated. Covers residents of United States and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series H 921-940.]

ITEM AND AREA	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Total overseas travelers <sup>1</sup> .....	5,260	6,467	6,364	6,897	7,390	7,790	7,835	8,163	8,040	8,510
Region of destination:										
Europe and Mediterranean.....	2,898	3,325	3,185	3,523	3,920	4,105	4,068	3,934	3,931	4,144
Average length of stay (days).....	27	24	24	24	19	20	20	21	(NA)	(NA)
Caribbean and Central America.....	1,663	2,147	2,065	2,201	2,203	2,365	2,533	2,624	2,453	2,637
South America.....	249	423	447	436	483	515	434	594	567	529
Other.....	450	572	657	737	784	805	800	1,011	1,089	1,200
Expenditures abroad .....	3,980	5,980	6,417	6,856	7,451	8,475	9,413	10,397	11,479	12,394
Canada.....	1,018	1,359	1,306	1,371	1,433	1,407	1,599	1,817	2,070	1,936
Mexico.....	778	1,475	1,637	1,723	1,918	2,121	2,460	2,564	2,862	3,324
Total overseas areas .....	2,184	3,146	3,474	3,762	4,100	4,947	5,354	6,016	6,547	7,134
Europe and Mediterranean.....	1,425	1,802	1,918	2,150	2,398	2,942	3,185	3,412	3,587	3,787
Average per trip <sup>2</sup> (\$ dollars).....	490	542	602	610	612	717	783	867	912	914
Average per day (dollars).....	18.15	22.58	25.19	25.42	32.21	35.85	39.15	41.28	(NA)	(NA)
Caribbean and Central America.....	390	685	787	784	790	888	1,019	1,134	1,277	1,349
South America.....	90	209	242	232	254	306	288	392	393	380
Japan.....	97	102	131	145	149	155	142	185	214	272
Other.....	182	348	396	451	509	656	720	893	1,086	1,346
Foreign flag carriers <sup>3</sup> .....	1,215	2,095	2,263	2,568	2,748	2,895	3,184	3,607	4,487	4,772
United States flag carriers <sup>3</sup> .....	985	1,331	1,463	1,444	1,725	1,784	1,978	2,504	(NA)	(NA)

NA Not available. <sup>1</sup> Excludes the following: Travel to Canada and Mexico; travel between conterminous United States and Alaska, Hawaii, Puerto Rico, and Virgin Islands; cruise travelers; military personnel and other Government employees and their dependents stationed abroad, and U.S. citizens residing abroad. <sup>2</sup> Excludes passenger fares of emigrant aliens. <sup>3</sup> Excludes transatlantic passenger fares.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1983, and earlier issues.

## No. 414. AIR TRAVEL BETWEEN THE UNITED STATES AND FOREIGN COUNTRIES: 1975 TO 1982

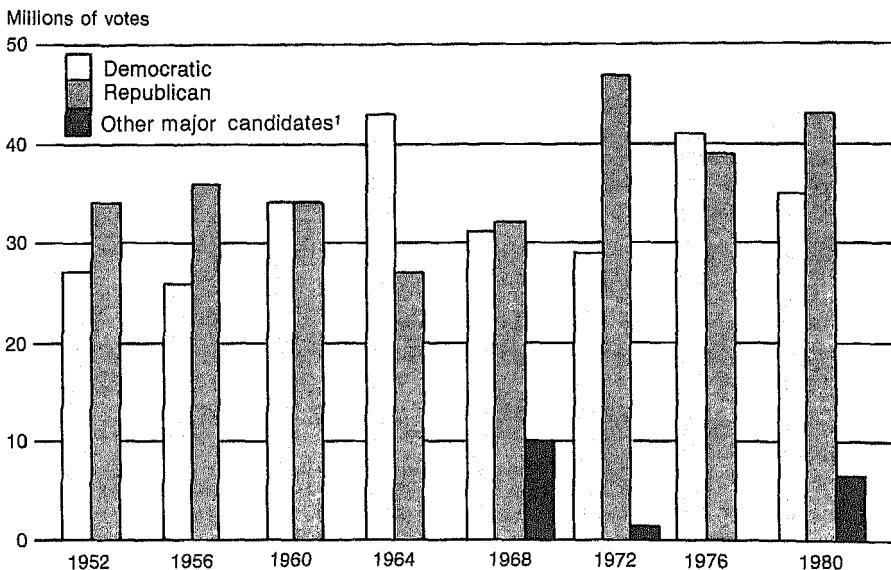
[In thousands. Covers passengers on international commercial flights arriving at and departing from U.S. airports. Excludes traffic between U.S. and Canada, border crossers, crewmen, and military personnel. Travelers between U.S. ports in the 50 States, Puerto Rico, Guam, or the Virgin Islands; and any other outlying area are included. Data compiled from flight reports of U.S. Immigration and Naturalization Service. Selection of countries based on minimum of 175,000 arrivals in 1982. For related data, see also *Historical Statistics, Colonial Times to 1970*, series C 296-331.]

FLAG OF CARRIER AND COUNTRY	ARRIVALS					DEPARTURES				
	1975	1979	1980	1981	1982	1975	1979	1980	1981	1982
Total passengers.....	12,646	19,282	20,262	20,881	20,216	12,053	18,128	19,256	19,911	19,322
Flag of carrier:										
United States.....	6,503	9,871	10,031	10,265	10,163	5,913	9,142	9,369	9,581	9,485
Foreign.....	6,143	9,411	10,231	10,615	10,054	6,141	8,986	9,886	10,330	9,837
Country of embarkation or de disembarkation: <sup>1</sup>										
Australia.....	106	208	227	228	254	103	222	245	258	252
Bahamas.....	758	1,079	1,123	1,053	1,153	704	925	1,006	927	1,009
Belgium.....	144	187	242	249	299	134	173	231	238	283
Bermuda.....	398	469	497	451	441	372	444	467	417	413
Brazil.....	212	253	300	311	308	206	252	291	301	303
Colombia.....	173	281	315	334	314	171	272	299	315	300
Denmark.....	222	260	267	251	243	188	238	254	243	235
Dominican Republic.....	336	465	468	495	501	322	419	443	466	464
France.....	512	707	699	686	695	470	646	635	646	647
Germany, Fed. Rep. of.....	622	1,053	1,175	1,182	1,174	649	1,003	1,178	1,149	1,164
Greece.....	121	231	208	206	198	123	220	190	189	197
Hong Kong.....	98	187	228	230	197	59	127	152	166	144
Ireland.....	220	268	220	229	250	163	236	212	219	234
Israel.....	84	190	189	190	189	105	195	186	194	211
Italy.....	431	572	537	493	529	409	517	495	460	500
Jamaica.....	457	492	429	479	587	416	432	382	435	526
Japan.....	1,095	1,579	1,624	1,705	1,819	1,183	1,534	1,602	1,697	1,779
Korea, Rep. of.....	105	169	234	228	245	60	134	186	187	212
Mexico.....	1,626	2,620	2,886	3,091	2,456	1,524	2,537	2,886	3,157	2,516
Netherlands.....	312	460	427	450	482	304	422	409	443	477
Netherlands Antilles.....	213	353	327	359	332	184	302	282	322	295
Philippines.....	108	162	194	244	212	81	132	160	178	175
Spain.....	306	333	312	310	337	260	292	273	288	321
Switzerland.....	236	321	312	321	332	224	305	306	315	330
United Kingdom.....	1,549	2,692	2,973	3,092	2,694	1,446	2,609	2,840	2,989	2,607
Venezuela.....	205	431	533	577	581	198	424	518	571	571
Other.....	1,998	3,264	3,326	3,436	3,394	1,994	3,114	3,128	3,141	3,155

<sup>1</sup> Country where passenger boarded/deboarded a direct flight to/from the U.S.

Source: U.S. Transportation Systems Center, Cambridge, Mass., *U.S. International Air Travel Statistics*, annual.

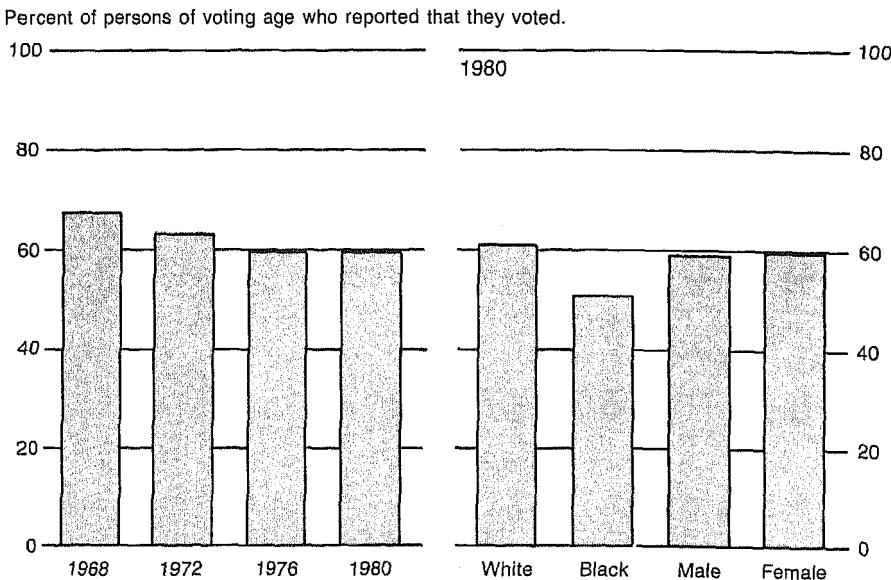
**Figure 9.1**  
**Popular Vote Cast for President, by Major Party: 1952 to 1980**



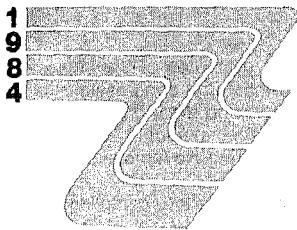
<sup>1</sup> 1968 and 1972—American Independent; 1980—John Anderson.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 415.

**Figure 9.2**  
**Voter Participation in Presidential Elections: 1968 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 440.



## Section 9

# Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, Black and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election*. Federal and State elections data appear also in *America Votes*, a biennial volume of the Elections Research Center, Washington, D.C. Federal elections data also appear in the U.S. Congress, *Congressional Directory*, and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports*, series P-20 (see text, p. 2).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

**Presidential election.**—The Constitution specifies how the President and Vice President are selected. Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

**Congressional election.**—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

**Voter eligibility and participation.**—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and institutionalized persons). Since 1964, voter participation and voter characteristics data have been collected during November of election years as part of the CPS.

**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

#### NO. 415. VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES: 1920 TO 1980

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes District of Columbia. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970*, series Y 79-83 and Y 135.]

YEAR	CANDIDATES FOR PRESIDENT		VOTE CAST FOR PRESIDENT						
	Democratic	Republican	Total popular vote <sup>1</sup> (1,000)	Democratic		Republican		Electoral vote	
				Popular vote		Number (1,000)	Percent		
				Number (1,000)	Percent				
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	
1928	Smith	Hoover	36,812	15,016	40.8	87	21,392	58.1	
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,948	44.8	
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	
VOTE CAST FOR PRESIDENT—Con.			YEAR	VOTE CAST FOR PRESIDENT—Con.					
LEADING OTHER CANDIDATES				LEADING OTHER CANDIDATES—Con.					
1920	Eugene Debs, Socialist, 919,799. P. P. Christensen, Farmer-Labor, 255,411.	1952	Vincent Hallinan, Progressive, 140,023. Stuart Hamblen, Prohibition, 72,949.						
1924	Robert LaFollette, Progressive, 4,831,289. Herman P. Faris, Prohibition, 57,520.	1956	T. Coleman Andrews, States' Rights, 111,178. Eric Hass, Socialist Labor, 44,450.						
1928	Norman Thomas, Socialist, 267,835.	1960	Eric Hass, Socialist Labor, 47,522. Rutherford Decker, Prohibition, 46,203.						
1932	Verne L. Reynolds, Socialist Labor, 21,603. Norman Thomas, Socialist, 881,951. William Z. Foster, Communist, 102,785.	1964	Eric Hass, Socialist Labor, 45,219. Clifton DeBerry, Socialist Workers, 32,720.						
1936	William Lemke, Union, 882,479. Norman Thomas, Socialist, 187,720.	1968	George Wallace, American Independent, 9,906,473. Henning Blomen, Socialist Labor, 52,588.						
1940	Norman Thomas, Socialist, 99,557. Roger Babson, Prohibition, 57,812.	1972	John Schmitz, American, 1,099,482. Benjamin Spock, People's, 78,756.						
1944	Norman Thomas, Socialist, 80,518.	1976	Eugene McCarthy, Independent, 756,691. Roger MacBride, Libertarian, 173,011.						
1948	Claude Watson, Prohibition, 74,758. S. Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	John Anderson, Independent, 5,720,060. Ed Clark, Libertarian, 921,299.						

<sup>1</sup> Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote and They Voted for Roosevelt*. Stanford University Press, Stanford, Calif., 1934 and 1947, respectively. 1940-1964 and 1968-1980, Elections Research Center, Washington, D.C., *America at the Polls and America Votes*, biennial, respectively (copyright).

NO. 416. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES—STATES:  
1940 TO 1980[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION, DIVISION, AND STATE	1940	1944	1948 <sup>1</sup>	1952	1956 <sup>2</sup>	1960 <sup>3</sup>	1964	1968 <sup>4</sup>	1972 <sup>5</sup>	1976 <sup>6</sup>	1980
Democratic.....	449	432	303	89	73	303	486	191	17	297	49
Republican.....	82	99	189	442	457	219	52	301	520	240	489
<b>Northeast:</b> Dem.....	132	130	20	—	—	121	126	102	14	86	4
Rep.....	8	8	118	133	13	12	—	24	108	36	118
<b>North Central:</b> Dem.....	93	73	101	—	13	71	149	31	—	58	10
Rep.....	68	82	54	153	140	82	—	118	145	87	135
<b>South:</b> Dem.....	165	167	117	89	60	101	121	45	3	149	31
Rep.....	—	—	11	77	105	50	47	77	165	20	138
<b>West:</b> Dem.....	59	62	65	—	—	10	90	13	—	4	4
Rep.....	6	9	6	79	79	75	5	82	102	97	98
<b>N.E.: Maine</b> .....	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
N.H.....	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4	R-4
Vt.....	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Mass.....	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
R.I.....	D-4	D-4	R-4	R-4	D-4	D-4	D-4	D-4	R-4	D-4	D-4
Conn.....	D-8	D-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8	R-8
<b>M.A.: N.Y.</b> .....	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
N.J.....	D-16	D-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17	R-17
Pa.....	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
<b>E.N.C.: Ohio</b> .....	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
Ind.....	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
Ill.....	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
Mich.....	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
Wis.....	D-12	R-12	D-12	R-12	R-12	D-12	D-12	R-12	R-11	D-11	R-11
<b>W.N.C.: Minn.</b> .....	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
Iowa.....	R-11	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
Mo.....	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
N. Dak.....	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
S. Dak.....	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nebr.....	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
Kans.....	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
<b>S.A.: Del.</b> .....	D-3	D-3	R-3	R-3	D-3	D-3	D-3	R-3	R-3	D-3	R-3
Md.....	D-8	R-8	R-9	R-9	D-9	D-9	D-10	R-10	R-10	D-10	D-10
D.C.....	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-3	D-3	D-3	D-3
Va.....	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	R-11	R-12	R-12
W. Va.....	D-8	D-8	D-8	R-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
N.C.....	D-13	D-14	D-14	D-14	D-14	D-14	D-13	R-12	R-13	D-13	R-13
S.C.....	D-8	D-8	(1)	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
Ga.....	D-12	D-12	D-12	D-12	D-12	D-12	R-12	(1)	R-12	D-12	D-12
Fla.....	D-7	D-8	R-10	R-10	R-10	D-14	R-14	R-14	R-17	D-17	R-17
<b>E.S.C.: Ky.</b> .....	D-11	D-11	D-11	R-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
Tenn.....	D-11	D-12	D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
Ala.....	D-11	D-11	(1)	D-11	D-10	D-5	R-10	(1)	R-9	D-9	R-9
Miss.....	D-9	D-9	(1)	D-8	D-8	(1)	R-7	(1)	R-7	D-7	R-7
<b>W.S.C.: Ark.</b> .....	D-9	D-9	D-9	D-8	D-8	D-8	D-6	(4)	R-6	D-6	R-6
La.....	D-10	D-10	(1)	D-10	R-10	D-10	R-10	(4)	R-10	D-10	R-10
Okla.....	D-11	D-10	D-10	R-8	R-8	R-7	D-8	R-8	R-8	R-8	R-8
Tex.....	D-23	D-23	R-24	R-24	R-24	D-25	D-25	D-25	D-26	D-26	D-26
<b>Mt.: Mont.</b> .....	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Idaho.....	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Wyo.....	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Colo.....	R-6	R-6	D-6	R-6	R-6	R-6	R-6	R-6	R-7	R-7	R-7
N. Mex.....	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
Ariz.....	D-3	D-4	D-4	R-4	R-4	R-4	R-4	R-5	R-6	R-6	R-5
Utah.....	D-4	D-4	D-4	R-4	R-4	R-4	R-4	R-5	R-6	R-6	R-5
Nev.....	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
<b>Pac.: Wash.</b> .....	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	R-8	R-9
Oreg.....	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
Calif.....	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
Alaska.....	(X)	(X)	(X)	(X)	(X)	(X)	D-3	D-3	R-3	R-3	R-3
Hawaii.....	(X)	(X)	(X)	(X)	(X)	(X)	D-4	D-4	D-4	D-4	D-4

<sup>—</sup> Represents zero. <sup>X</sup> Not applicable. <sup>1</sup> Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. <sup>2</sup> Excludes 1 electoral vote cast for Walter B. Jones. <sup>3</sup> Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 6; and Oklahoma 1.

<sup>4</sup> Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. <sup>5</sup> Excludes 1 electoral vote cast for John Hospers. <sup>6</sup> Excludes 1 electoral vote cast for Ronald Reagan.

Source: 1940-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*; quadrennial; thereafter, Electors Research Center, Washington, D.C., *America Votes*, biennial. (Copyright).

**NO. 417. POPULAR VOTE CAST FOR PRESIDENT, AND PERCENT OF VOTE FOR LEADING PARTY, BY STATE: 1948 TO 1968**

(In thousands, except percent. D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See also tables 415 and 418, and *Historical Statistics, Colonial Times to 1970*, series Y 135-161)

REGION, DIVISION, AND STATE	1948		1952		1956		1960		1964		1968	
	Total vote cast	Percent for leading party										
<b>U.S.</b>	<b>48,794</b>	<b>D-49.6</b>	<b>61,551</b>	<b>R-55.1</b>	<b>62,027</b>	<b>R-57.4</b>	<b>68,838</b>	<b>D-49.7</b>	<b>70,645</b>	<b>D-61.1</b>	<b>73,212</b>	<b>R-43.4</b>
Northeast.....	15,800	R-47.8	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	D-50.2
North Central.....	17,540	D-50.3	21,153	R-57.6	21,114	R-58.6	22,979	R-52.2	22,209	D-61.3	22,206	R-46.8
South.....	8,244	D-52.6	12,445	D-50.5	12,478	R-51.1	14,369	D-49.9	16,597	D-53.3	19,177	R-36.4
West.....	7,209	D-49.4	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-59.4	12,590	R-48.7
<b>N. Eng.</b>	<b>3,938</b>	<b>D-51.5</b>	<b>4,673</b>	<b>R-56.1</b>	<b>4,625</b>	<b>R-62.0</b>	<b>4,983</b>	<b>D-56.0</b>	<b>4,786</b>	<b>D-72.7</b>	<b>4,825</b>	<b>D-57.1</b>
Mass.....	265	R-56.4	352	R-66.0	352	R-70.9	422	R-57.0	381	D-68.8	393	D-55.3
N.H.....	231	R-52.4	273	R-60.8	267	R-66.1	296	R-53.4	288	D-63.9	297	R-52.1
Vt.....	123	R-61.5	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	R-52.8
Conn.....	2,107	D-54.7	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	D-63.0
R.I.....	328	D-57.6	414	R-50.9	386	R-58.3	406	D-63.6	390	D-80.9	385	D-64.0
Pa.....	884	R-49.5	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	D-49.5
<b>Mid. Atl.</b>	<b>11,862</b>	<b>R-48.3</b>	<b>14,123</b>	<b>R-54.8</b>	<b>14,157</b>	<b>R-60.3</b>	<b>15,071</b>	<b>D-51.6</b>	<b>14,837</b>	<b>D-66.8</b>	<b>14,415</b>	<b>D-47.9</b>
N.Y.....	6,177	D-46.0	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-68.6	6,792	D-49.7
N.J.....	1,950	R-50.3	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	R-46.1
Pa.....	3,735	R-50.9	4,581	R-52.7	4,577	R-56.5	5,007	D-51.1	4,823	D-64.9	4,748	D-47.6
<b>E. No. Cent.</b>	<b>11,963</b>	<b>D-49.4</b>	<b>14,543</b>	<b>R-56.6</b>	<b>14,715</b>	<b>R-59.4</b>	<b>16,102</b>	<b>R-51.4</b>	<b>15,659</b>	<b>D-61.6</b>	<b>15,701</b>	<b>R-45.9</b>
Ohio.....	2,936	R-45.3	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	R-45.2
Ind.....	1,656	R-49.6	1,956	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-65.0	2,124	R-50.3
Ill.....	3,984	D-50.1	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	R-47.1
Mich.....	2,110	R-49.2	2,799	R-55.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	D-48.2
Wis.....	1,277	D-50.7	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	R-47.9
<b>W. No. Cent.</b>	<b>5,578</b>	<b>D-52.4</b>	<b>6,611</b>	<b>R-60.0</b>	<b>6,398</b>	<b>R-56.8</b>	<b>6,877</b>	<b>R-54.1</b>	<b>6,550</b>	<b>D-60.6</b>	<b>6,505</b>	<b>R-48.9</b>
Minn.....	1,212	D-57.2	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.8	1,589	D-54.0
Iowa.....	1,038	D-50.3	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,158	R-53.0
Mo.....	1,579	D-58.1	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	R-44.9
N. Dak.....	221	R-52.2	270	R-71.0	254	R-61.7	278	R-55.4	256	D-60.0	248	R-55.9
S. Dak.....	250	R-51.8	294	R-69.3	294	R-58.4	306	R-56.2	293	D-55.6	281	R-53.3
Nebr.....	489	R-54.2	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.6	537	R-59.8
Kans.....	789	R-53.6	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	R-54.8
<b>So. All.</b>	<b>3,834</b>	<b>D-47.0</b>	<b>5,766</b>	<b>D-50.8</b>	<b>5,901</b>	<b>R-51.0</b>	<b>6,894</b>	<b>D-52.0</b>	<b>8,294</b>	<b>D-55.6</b>	<b>9,428</b>	<b>R-39.2</b>
Del.....	139	R-50.0	174	R-51.8	178	R-55.1	197	D-50.6	201	D-60.9	214	R-45.1
Md.....	597	R-49.4	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	D-43.6
D.C. (x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	199	D-65.5	171	D-81.8
Va.....	419	D-47.9	620	R-56.3	698	R-65.4	771	D-54.2	1,042	D-53.5	1,361	R-43.4
W. Va.....	749	D-57.3	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	D-49.6
N.C.....	791	D-58.0	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	R-39.5
S.C.....	143	(1)	341	D-50.7	301	D-45.4	387	D-51.2	525	R-58.9	667	R-38.1
Ga.....	419	D-50.8	656	D-69.7	670	R-66.4	733	D-62.5	1,139	R-54.1	1,250	(1)
Fla.....	578	D-48.8	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	R-40.5
<b>E. So. Cent.</b>	<b>1,780</b>	<b>D-42.5</b>	<b>2,597</b>	<b>D-53.4</b>	<b>2,738</b>	<b>D-49.6</b>	<b>3,045</b>	<b>R-48.3</b>	<b>3,289</b>	<b>R-52.2</b>	<b>4,009</b>	<b>(1)</b>
Ky.....	823	D-56.7	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	R-43.8
Tenn.....	550	D-49.1	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	R-37.8
Ala.....	215	(1)	426	D-64.6	497	D-56.5	570	D-56.8	690	R-69.5	1,050	(1)
Miss.....	192	(1)	266	D-60.4	246	R-58.2	298	(1)	409	R-67.1	655	(1)
<b>W. So. Cent.</b>	<b>2,630</b>	<b>D-59.4</b>	<b>4,082</b>	<b>R-51.6</b>	<b>3,839</b>	<b>R-53.9</b>	<b>4,451</b>	<b>D-48.5</b>	<b>5,018</b>	<b>D-57.5</b>	<b>5,740</b>	<b>R-37.0</b>
Ark.....	242	D-61.7	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	(1)
La.....	416	(1)	652	D-52.9	618	R-53.3	808	D-50.4	896	R-56.8	1,097	(1)
Oklahoma.....	722	D-62.7	949	R-54.6	858	R-55.1	903	R-59.0	932	D-55.7	943	R-47.7
Tex.....	1,250	D-66.0	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	D-41.1
<b>MT.....</b>	<b>1,758</b>	<b>D-52.7</b>	<b>2,212</b>	<b>R-60.0</b>	<b>2,300</b>	<b>R-60.3</b>	<b>2,647</b>	<b>R-53.5</b>	<b>2,837</b>	<b>D-56.4</b>	<b>2,895</b>	<b>R-52.9</b>
Mont.....	224	D-53.1	265	R-59.4	271	R-67.1	278	R-51.1	279	D-58.9	274	R-50.6
Idaho.....	215	D-50.0	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	R-58.8
Wyo.....	101	D-51.6	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	R-55.8
Colo.....	515	D-51.9	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	R-50.5
N. Mex.....	187	D-56.4	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	R-51.8
Ariz.....	177	D-53.8	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	R-54.8
Utah.....	276	D-54.0	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	R-56.5
Nev.....	62	D-50.4	82	R-61.4	97	R-58.0	107	D-51.2	135	D-58.6	154	R-47.5
<b>Pac.</b>	<b>5,451</b>	<b>D-48.3</b>	<b>6,940</b>	<b>R-56.0</b>	<b>7,353</b>	<b>R-55.1</b>	<b>8,770</b>	<b>R-50.4</b>	<b>9,377</b>	<b>D-60.4</b>	<b>9,695</b>	<b>R-47.4</b>
Wash.....	905	D-52.6	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	D-47.2
Oreg.....	524	R-49.8	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	R-49.8
Calif.....	4,022	D-47.6	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	R-47.8
Alaska.....	(x)	(x)	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	R-45.3
Hawaii.....	(x)	(x)	(x)	(x)	(x)	(x)	185	(*)	207	D-78.8	236	D-59.8

X Not applicable. <sup>1</sup> Vote represented a victory for Thurmond (States' Rights Democratic Party) as follows: Alabama, 79.7 percent; Louisiana, 49.1 percent; Mississippi, 87.2 percent; and South Carolina, 72.0 percent. <sup>2</sup> Vote represented a victory for Wallace (American Independent Party) as follows: East South Central, 43.0 percent; Alabama, 65.8 percent; Arkansas, 38.9 percent; Georgia, 42.9 percent; Louisiana, 48.3 percent; and Mississippi, 63.4 percent. <sup>3</sup> Vote represented a victory for unpledged Democratic electors: 39.0 percent. <sup>4</sup> Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295.

Source: 1948, Elections Research Center, Washington, D.C., *America at the Polls* (copyright); 1952 and 1956, U.S. Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress)*, 1963; and 1960-1968, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*, quadrennial.

## No. 418. POPULAR VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES—STATES: 1972 TO 1980

[In thousands, except percent. D=Democratic, R=Republican. See headnote, table 417. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-166]

REGION, DIVISION AND STATE	1972				1976				1980			
	Total <sup>1</sup>	Democratic Party	Repub-lican Party	Per-cent for leading party	Total <sup>1</sup>	Democratic Party	Repub-lican Party	Per-cent for leading party	Total <sup>1</sup>	Democratic Party	Repub-lican Party	Per-cent for leading party
U.S.	77,719	29,170	47,170	R-50.7	81,556	40,831	39,148	D-50.1	86,515	35,484	43,904	R-50.7
<b>Regions:</b>												
Northeast	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.9	19,206	8,019	9,147	R-47.6
No. Central	23,190	9,127	13,711	R-59.1	24,155	11,571	11,995	R-49.7	25,178	10,281	12,827	R-50.9
South	20,048	6,087	13,666	R-68.2	23,198	12,520	10,394	D-54.0	25,813	11,554	13,116	R-50.8
West	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0
N. Eng.	5,197	2,428	2,730	R-52.5	5,351	2,766	2,454	D-51.7	5,467	2,206	2,446	R-44.7
Maine	417	161	256	R-61.5	483	232	236	R-40.9	523	221	239	R-45.6
N.H.	334	116	214	R-64.0	340	148	186	R-54.7	384	109	222	R-57.7
Vt.	187	68	117	R-62.7	188	81	102	R-54.4	213	82	95	R-44.4
Mass.	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9
R.I.	416	195	220	R-53.0	411	228	181	D-55.4	416	198	155	D-47.7
Conn.	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,406	542	677	R-48.2
Mid. Atl.	14,755	5,850	8,754	R-59.3	14,169	7,184	6,518	D-50.8	13,739	5,813	6,703	R-48.8
N.Y.	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	6,202	2,728	2,894	R-46.7
N.J.	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0
Pa.	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6
E. No. Cent.	16,286	6,450	9,586	R-58.9	16,809	8,035	8,448	R-50.3	17,458	7,221	8,825	R-50.5
Ohio	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5
Ind.	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0
Ill.	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6
Mich.	3,490	1,459	1,982	R-56.2	3,854	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.0
Wis.	1,853	810	989	R-53.4	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9
W. No. Cent.	6,904	2,675	4,124	R-59.8	7,346	3,635	3,547	D-49.5	7,719	3,070	4,002	R-51.8
Minn.	1,742	802	898	R-51.6	1,906	1,070	839	D-54.9	2,052	954	873	D-46.5
Iowa	1,226	496	706	R-57.6	1,279	620	693	R-49.5	1,318	509	676	R-51.3
Mo.	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,100	931	1,074	R-61.2
N. Dak.	281	100	174	R-62.1	297	136	153	R-51.6	302	79	194	R-64.2
S. Dak.	307	140	166	R-54.2	301	147	152	R-50.4	328	104	198	R-60.5
Nebr.	576	170	406	R-70.5	608	234	360	R-59.2	641	167	420	R-65.5
Kans.	916	270	620	R-67.7	958	430	503	R-52.5	980	326	567	R-57.9
So. Atl.	9,923	3,076	6,748	R-68.0	11,392	6,264	5,005	D-55.0	12,589	5,698	6,198	R-49.2
Del.	236	92	140	R-69.6	236	123	110	D-52.0	236	106	111	R-47.2
Md.	1,364	506	829	R-61.3	1,440	760	673	D-52.8	1,540	726	681	D-47.1
D.C.	163	128	35	D-78.1	169	138	28	B-81.6	175	131	24	D-74.8
Va.	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,866	752	990	R-53.0
W. Va.	762	277	485	R-63.6	751	436	315	D-58.0	738	367	334	D-49.8
N.C.	1,519	439	1,055	R-69.5	1,879	927	742	D-55.2	1,855	876	915	R-49.3
S.C.	674	167	477	R-70.8	803	451	346	D-58.2	894	430	442	R-49.4
Ga.	1,175	290	881	R-75.0	1,467	979	484	D-66.7	1,587	891	654	D-55.6
Fla.	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5
E. So. Cent.	3,921	1,112	2,723	R-69.5	4,596	2,482	2,037	D-54.0	5,147	2,465	2,518	R-48.9
Ky.	1,067	371	676	R-63.4	1,176	616	532	D-52.8	1,295	616	635	R-49.1
Tenn.	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,618	783	788	R-48.7
Ala.	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,342	637	654	R-48.8
Miss.	646	127	505	R-78.2	789	381	367	D-49.6	893	429	441	R-49.4
W. So. Cent.	6,204	1,899	4,194	R-67.6	7,210	3,774	3,354	D-52.4	8,078	3,389	4,403	R-54.5
Ark.	651	200	449	R-68.9	768	499	268	D-65.0	838	398	403	R-48.1
La.	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,549	708	793	R-51.2
Okla.	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,150	402	696	R-60.5
Tex.	3,471	1,154	2,299	R-68.2	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3
Mt.	3,397	1,107	2,159	R-63.6	3,815	1,569	2,124	R-55.7	4,346	1,251	2,637	R-60.7
Mont.	318	120	184	R-57.9	329	149	174	R-52.8	364	118	207	R-56.8
Idaho	310	81	199	R-64.2	344	127	204	R-59.3	437	110	291	R-66.5
Wyo.	146	44	100	R-69.0	156	62	93	R-59.3	177	49	111	R-62.6
Colo.	954	330	597	R-62.5	1,082	460	584	R-54.0	1,184	368	652	R-55.1
N. Mex.	386	141	236	R-61.0	418	201	211	R-50.5	457	168	251	R-54.9
Ariz.	823	199	403	R-64.7	743	296	419	R-56.4	874	247	530	R-60.6
Utah	478	126	324	R-67.6	541	182	338	R-62.4	604	124	440	R-72.8
Nev.	182	66	116	R-63.7	202	92	101	R-50.2	248	67	155	R-62.5
Pac.	11,132	4,571	6,150	R-65.2	10,887	5,140	5,364	R-49.4	11,973	4,369	6,177	R-51.6
Wash.	1,471	568	837	R-56.9	1,556	717	778	R-50.0	1,742	650	865	R-49.7
Oreg.	928	393	487	R-52.4	1,030	490	492	R-47.8	1,182	457	571	R-48.3
Calif.	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7
Alaska	95	33	55	R-58.1	124	44	72	R-57.9	158	42	86	R-54.3
Hawaii	270	101	169	R-62.5	291	147	140	D-50.6	303	136	130	D-44.8

<sup>1</sup> Includes other parties.

Source: 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 7, 1972* (in some cases, figures have been revised by Elections Research Center, Washington, D.C.); thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

**NO. 419. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES—STATES:  
1978 TO 1982**

[In thousands, except percent. Excludes elections to fill vacancies for unexpired term]

DIVISION AND STATE	1978			1980			1982					
	Total <sup>1</sup>	Democratic	Republi- can	Per- cent for lead- ing party	Total <sup>1</sup>	Democratic	Republi- can	Per- cent for lead- ing party	Total <sup>1</sup>	Democratic	Republi- can	Per- cent for lead- ing party
<b>N. Eng.:</b>												
Maine.....	375	127	212	56.6	(x)	(x)	(x)	(x)	460	280	180	60.9
N.H.....	264	128	134	50.7	375	179	196	52.1	(x)	(x)	(x)	(x)
Vt.....	(x)	(x)	(x)	(x)	209	104	101	49.8	168	79	84	50.3
Mass.....	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)	2,051	1,247	785	60.8
R.I.....	306	230	76	75.1	(x)	(x)	(x)	(x)	343	167	175	51.2
Conn.....	(x)	(x)	(x)	(x)	1,356	764	582	56.3	1,084	499	546	50.4
<b>Mid. Atl.:</b>												
N.Y.....	(x)	(x)	(x)	(x)	6,015	2,619	2,700	44.9	4,968	3,232	1,697	65.1
N.J.....	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)	2,194	1,118	1,048	50.9
Pa.....	(x)	(x)	(x)	(x)	4,418	2,122	2,230	50.5	3,604	1,413	2,136	59.3
<b>E. No. Cent.:</b>												
Ohio.....	(x)	(x)	(x)	(x)	4,027	2,771	1,138	68.8	3,395	1,924	1,397	56.7
Ind.....	(x)	(x)	(x)	(x)	2,198	1,016	1,182	53.8	1,817	828	978	53.8
Ill.....	3,185	1,448	1,699	53.3	4,580	2,565	1,946	56.0	(x)	(x)	(x)	(x)
Mich.....	2,847	1,484	1,382	52.1	(x)	(x)	(x)	(x)	2,994	1,729	1,223	57.7
Wis.....	(x)	(x)	(x)	(x)	2,204	1,065	1,106	50.2	1,545	983	527	63.6
<b>W. No. Cent.:</b>												
Minn.....	1,581	638	894	56.6	(x)	(x)	(x)	(x)	1,805	840	949	52.6
Iowa.....	825	395	422	51.1	1,277	582	683	53.5	(x)	(x)	(x)	(x)
Mo.....	(x)	(x)	(x)	(x)	2,067	1,075	985	52.0	1,544	759	785	50.8
N. Dak.....	(x)	(x)	(x)	(x)	299	87	210	70.3	262	165	89	62.8
S. Dak.....	256	85	171	66.8	327	129	191	56.2	(x)	(x)	(x)	(x)
Nebr.....	494	334	160	67.6	(x)	(x)	(x)	(x)	546	363	156	66.6
Kans.....	749	318	403	53.9	939	340	599	63.8	(x)	(x)	(x)	(x)
<b>So. Atl.:</b>												
Del.....	162	94	66	58.0	(x)	(x)	(x)	(x)	191	84	105	55.2
Md.....	(x)	(x)	(x)	(x)	1,286	435	851	66.2	1,115	707	407	63.5
Va.....	1,222	609	613	50.2	(x)	(x)	(x)	(x)	1,416	691	725	51.2
W. Va.....	493	249	244	50.5	(x)	(x)	(x)	(x)	565	387	174	60.5
N.C.....	1,136	517	619	54.5	1,798	888	898	50.0	(x)	(x)	(x)	(x)
S.C.....	833	281	352	55.6	871	613	258	70.4	(x)	(x)	(x)	(x)
Ga.....	645	536	109	83.1	1,580	776	804	50.9	(x)	(x)	(x)	(x)
Fla.....	(x)	(x)	(x)	(x)	3,528	1,705	1,822	51.7	2,853	1,638	1,015	61.7
<b>E. So. Cent.:</b>												
Ky.....	477	291	176	61.0	1,107	721	386	65.1	(x)	(x)	(x)	(x)
Tenn.....	1,157	466	643	55.5	(x)	(x)	(x)	(x)	1,260	780	480	61.9
Ala.....	582	547	-	94.0	1,297	610	650	50.2	(x)	(x)	(x)	(x)
Miss.....	584	185	263	45.1	(x)	(x)	(x)	(x)	645	414	231	64.2
<b>W. So. Cent.:</b>												
Ark.....	522	400	85	76.6	80.9	478	331	59.1	(x)	(x)	(x)	(x)
La.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	(x)	(x)	(x)	(x)
Oklahoma.....	754	494	248	65.5	1,098	478	587	53.5	(x)	(x)	(x)	(x)
Tex.....	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)	3,103	1,816	1,257	58.6
<b>Mt.:</b>												
Mont.....	288	160	128	55.7	(x)	(x)	(x)	(x)	321	175	134	54.5
Idaho.....	284	90	194	68.4	440	214	219	49.7	(x)	(x)	(x)	(x)
Wyo.....	133	50	83	62.2	(x)	(x)	(x)	(x)	167	72	95	56.7
Colo.....	819	330	481	58.7	1,174	591	571	50.3	(x)	(x)	(x)	(x)
N. Mex.....	344	160	183	53.4	(x)	(x)	(x)	(x)	405	218	187	53.8
Ariz.....	(x)	(x)	(x)	(x)	874	423	432	49.5	724	412	292	56.9
Utah.....	(x)	(x)	(x)	(x)	594	151	438	73.6	531	219	309	58.3
Nev.....	(x)	(x)	(x)	(x)	246	92	144	58.5	240	115	120	50.1
<b>Pac.:</b>												
Wash.....	(x)	(x)	(x)	(x)	1,728	792	936	54.2	1,368	944	332	69.0
Dreg.....	893	342	550	61.6	1,140	502	594	52.1	(x)	(x)	(x)	(x)
Calif.....	(x)	(x)	(x)	(x)	8,327	4,705	3,093	56.5	7,806	3,495	4,023	51.5
Alaska.....	123	30	93	75.6	157	72	84	53.7	(x)	(x)	(x)	(x)
Hawaii.....	(x)	(x)	(x)	(x)	288	224	53	77.9	306	245	52	80.1

- Represents zero. X Not applicable. <sup>1</sup> Includes vote cast for minor parties. <sup>2</sup> Unopposed Democrat; no vote tallied since name not printed on ballot.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

**NO. 420. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES:  
1790 TO 1980**

[Total membership includes Representatives assigned to newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment*. See also *Historical Statistics, Colonial Times to 1970*, series Y 220-271.]

STATE	MEMBERSHIP BASED ON CENSUS OF—																			
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1980	
Total.....	106	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	435	435	
Ala.....	(X)	(X)	1	3	5	7	7	6	8	9	9	10	9	9	9	9	8	7	7	
Alaska.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	1	1	
Ariz.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2	1	2	3	4	4	5	
Ark.....	(X)	(X)	(X)	(X)	1	1	2	3	4	5	6	7	7	7	6	4	4	4	4	
Calif.....	(X)	(X)	(X)	(X)	(X)	1	2	2	3	4	6	7	8	11	20	23	30	38	43	45
Colo.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	2	3	4	4	4	4	4	4	5	6
Conn.....	7	7	7	6	6	4	4	4	4	4	4	5	5	5	6	6	6	6	6	6
Del.....	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fla.....	(X)	(X)	(X)	(X)	(X)	1	1	1	1	2	2	3	4	5	6	8	12	15	19	
Ga.....	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10	
Hawaii.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	2	2	
Idaho.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2	2	2	2	
Ill.....	(X)	(X)	1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22	
Ind.....	(X)	(X)	1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	11	10	
Iowa.....	(X)	(X)	(X)	(X)	1	2	2	6	9	11	11	11	9	8	8	7	6	6	6	
Kans.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	3	7	8	8	8	7	6	5	5	5	5	
Ky.....	2	6	10	12	13	10	10	9	10	11	11	11	11	11	9	9	8	7	7	
La.....	(X)	(X)	1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8	
Maine.....	(X)	(X)	1	1	2	4	5	5	5	4	4	4	4	4	3	3	3	2	2	
Md.....	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8	
Mass.....	14	17	20	13	12	10	11	10	11	12	13	14	15	15	14	14	12	12	11	
Mich.....	(X)	(X)	(X)	(X)	1	3	4	6	9	11	12	12	13	17	17	18	19	19	18	
Minn.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	3	5	7	9	10	9	9	8	8	8	
Miss.....	(X)	(X)	1	1	2	4	5	5	6	7	7	8	8	7	6	5	5	5	5	
Mo.....	(X)	(X)	(X)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	9	
Mont.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	1	2	2	2	2	2	2	2	
Nebr.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	3	6	6	6	5	4	4	3	3	
Nev.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	1	1	1	1	1	1	1	1	
N.H.....	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	
N.J.....	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	15	15	14		
N. Mex.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	2	2	3	
N.Y.....	10	17	27	34	40	34	33	31	33	34	34	34	37	43	45	45	43	41	39	
N.C.....	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	11	11	11		
N. Dak.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	2	3	2	2	2	1	1	
Ohio.....	(X)	1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21	
Okla.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	5	8	6	6	6	6	
Oreg.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	1	2	2	3	3	4	4	4	4	5	
Pa.....	13	18	23	26	26	24	25	24	27	28	30	32	36	34	33	30	27	25	23	
R.I.....	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	
S.C.....	6	8	9	9	9	7	6	4	5	7	7	7	6	6	6	6	6	6	6	
S. Dak.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	2	3	2	2	2	2	2	1	
Tenn.....	1	3	6	9	13	11	10	8	10	10	10	10	10	9	9	9	9	9	9	
Tex.....	(X)	(X)	(X)	(X)	(X)	1	2	2	4	6	11	13	16	18	21	22	23	24	27	
Utah.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	2	2	2	2	2	2	3	
Vt.....	2	4	6	5	5	4	3	3	2	2	2	2	1	1	1	1	1	1	1	
Va.....	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10	
Wash.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	2	3	5	6	6	7	7	8	
W. Va.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	3	4	4	5	6	6	5	4	4	
Wis.....	(X)	(X)	(X)	(X)	(X)	1	2	3	6	8	9	10	11	11	10	10	10	9	9	
Wyo.....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1	1	1	1	1	1	1	1	1	

X Not applicable.      <sup>1</sup> Assigned after apportionment.      <sup>2</sup> Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. I, chapter A (PC80-1-A).

**NO. 421. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES—  
STATES: 1978 TO 1982**

**[In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District or votes cast for Representative at Large in States where only one member is elected. In all years there are numerous districts within the State where either the Republican or Democratic party had no candidate. In some States the Republican and Democratic vote includes votes cast for the party candidate by endorsing parties. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214.]

REGION, DIVISION, AND STATE	1978				1980				1982			
	Total <sup>1</sup>	Democratic	Republican	Percent for leading party	Total <sup>1</sup>	Democratic	Republican	Percent for leading party	Total <sup>1</sup>	Democratic	Republican	Percent for leading party
U.S. <sup>2</sup> .....	55,332	29,688	24,849	53.7	77,995	39,338	37,370	50.4	64,514	35,696	27,799	55.3
<b>Regions:</b>												
Northeast.....	13,742	7,425	5,995	54.0	17,733	8,840	8,525	49.9	14,636	8,124	6,240	55.5
North Central.....	16,962	8,557	6,285	50.4	23,720	11,443	12,147	51.2	19,088	10,369	8,550	54.3
South.....	13,018	7,611	5,262	58.2	21,024	11,749	8,985	55.9	16,826	10,225	6,377	60.8
West.....	11,612	6,095	5,309	52.5	15,522	7,303	7,711	49.7	13,961	6,975	6,631	50.0
N. Eng.....	3,887	2,301	1,463	59.2	5,054	2,687	2,287	53.4	4,180	2,390	1,733	57.2
Maine.....	370	141	209	56.5	513	138	375	73.1	452	187	261	57.7
N.H.....	258	122	134	51.7	364	177	187	51.3	269	114	154	57.3
Vt.....	121	23	91	75.3	195	154	79.2	165	38	114	69.2	
Mass.....	1,809	1,249	472	69.0	2,256	1,473	758	65.3	1,890	1,300	561	68.8
R.I.....	308	174	134	56.6	387	214	173	55.3	333	174	158	52.2
Conn.....	1,021	592	423	58.0	1,339	695	640	51.9	1,071	577	485	53.9
Mid. Atl. ....	9,855	5,124	4,532	52.0	12,679	6,143	6,238	49.2	10,456	5,734	4,507	54.8
N.Y. <sup>3</sup> .....	4,379	2,275	1,983	51.9	5,617	2,771	2,707	49.3	4,681	2,617	1,940	55.9
N.J.....	1,934	1,044	838	54.0	2,741	1,316	1,369	49.9	2,146	1,206	915	56.2
Pa.....	3,542	1,805	1,711	51.0	4,321	2,056	2,162	50.0	3,629	1,911	1,652	52.7
E. No. Cent. ....	11,431	5,803	5,556	50.8	16,336	7,873	8,368	51.2	12,994	7,221	5,635	55.6
Ohio.....	2,780	1,278	1,472	52.9	3,952	1,788	2,135	54.0	3,326	1,807	1,457	54.3
Ind.....	1,449	752	681	51.9	2,189	1,087	1,100	50.2	1,796	882	910	50.7
Ill.....	3,044	1,465	1,577	51.8	4,473	2,049	2,418	54.1	3,613	2,093	1,508	57.9
Mich.....	2,708	1,539	1,150	56.8	3,588	1,877	1,659	52.3	2,808	1,670	1,093	59.4
Wis.....	1,450	769	676	53.0	2,134	1,072	1,055	50.2	1,451	769	667	53.0
W. No. Cent. ....	5,531	2,754	2,729	49.8	7,384	3,570	3,779	51.2	6,094	3,148	2,915	51.7
Minn.....	1,526	779	712	51.1	1,905	906	987	51.8	1,750	956	778	54.6
Iowa.....	812	403	406	50.1	1,257	643	609	51.1	1,005	529	475	52.6
Mo.....	1,546	967	576	62.5	2,051	1,110	941	54.1	1,528	872	653	57.0
N. Dak.....	220	68	148	67.1	293	166	125	56.8	280	187	72	71.6
S. Dak.....	256	120	135	53.0	320	173	146	54.3	276	142	134	51.6
Nebr.....	495	184	911	62.8	625	167	451	72.2	519	116	402	77.5
Kans.....	676	233	441	65.2	933	405	520	55.7	756	346	401	53.0
So. Atl. ....	6,484	3,887	2,541	59.9	11,026	6,095	4,817	55.3	8,367	4,950	3,345	59.2
Del.....	158	65	92	58.2	217	81	134	61.8	188	99	87	52.4
Md.....	924	604	313	65.4	1,403	866	537	61.7	1,091	743	349	68.1
D.C.....	96	77	12	79.5	151	112	21	74.4	113	93	17	89.0
Va.....	1,057	444	595	56.3	1,553	486	1,005	64.7	1,335	630	690	51.7
W. Va.....	443	291	152	65.7	686	391	295	57.0	546	343	202	62.8
N.C.....	1,020	607	406	59.5	1,737	964	769	55.5	1,321	708	580	53.6
S.C.....	577	379	183	65.6	830	408	399	49.2	657	353	295	53.7
Ga.....	589	472	116	80.2	1,355	974	381	71.9	904	670	225	74.1
Fla. <sup>4</sup> .....	1,620	948	672	58.5	3,094	1,813	1,276	58.6	2,212	1,311	900	59.3
E. So. Cent. ....	2,700	1,538	1,090	57.0	4,161	2,330	1,719	56.0	3,478	2,156	1,283	62.0
Ky.....	477	265	208	55.5	1,056	610	442	57.8	700	413	280	59.0
Tenn.....	1,062	581	449	54.7	1,304	664	619	50.9	1,176	698	470	59.4
Ala.....	642	440	197	68.4	1,012	628	354	62.1	961	677	273	70.4
Miss.....	519	252	236	48.5	789	428	304	54.3	641	368	260	57.5
W. Sc. Cent. ....	3,834	2,186	1,631	55.7	5,837	3,324	2,449	56.9	4,981	3,119	1,749	62.6
Ark. <sup>5</sup> .....	293	98	195	66.6	202	42	159	78.9	759	397	362	52.4
La. <sup>6</sup> .....	770	472	290	61.3	730	437	290	59.9	517	336	142	65.0
Okla. <sup>4</sup> <sup>8</sup> .....	569	331	258	56.2	836	440	391	52.6	856	539	310	63.0
Tex.....	2,162	1,265	688	58.9	4,069	2,405	1,609	59.1	2,849	1,847	935	64.8
Mt. ....	2,856	1,408	1,385	49.3	4,174	1,884	2,166	51.9	3,573	1,573	1,925	53.9
Mont.....	283	143	140	50.6	339	176	162	52.1	317	166	142	52.4
Idaho.....	285	118	167	58.6	415	182	233	56.1	321	151	170	53.0
Wyo.....	129	54	76	58.6	170	53	116	68.6	159	46	113	71.1
Colo.....	765	369	402	51.2	1,150	506	619	53.9	946	448	485	51.2
N. Mex.....	266	166	118	58.5	409	176	187	45.9	395	203	192	51.4
Ariz.....	519	262	231	50.4	854	394	434	50.8	711	300	395	55.5
Utah.....	379	163	207	54.5	592	232	352	59.4	490	145	312	63.7
Nev.....	191	133	44	69.5	245	165	63	67.5	234	114	116	49.5
Pac. ....	8,756	4,687	3,924	53.5	11,348	5,419	5,545	48.9	10,388	5,402	4,706	52.0
Wash.....	979	507	451	51.8	1,626	816	793	50.2	1,307	690	604	52.8
Oreg.....	874	587	258	67.2	1,106	657	439	59.4	1,015	578	437	56.9
Calif.....	6,526	3,335	3,106	51.1	8,180	3,666	4,179	51.1	7,587	3,815	3,537	50.3
Alaska.....	124	55	69	55.4	155	40	114	73.8	181	52	128	70.8
Hawaii.....	253	203	40	80.1	281	240	20	85.4	298	267	—	89.6

- Represents zero. <sup>1</sup> Includes vote cast for minor parties. <sup>2</sup> Includes vote cast for non-voting Delegate at Large in District of Columbia. <sup>3</sup> Includes votes cast by other endorsing parties for Democratic and Republican candidates. <sup>4</sup> State law does not require tabulation of votes for unopposed candidates. <sup>5</sup> In 1978 Districts 3, 7, 8, 10 and 13 were unopposed; in 1980 District 6 was unopposed; in 1982 Districts 8, 10 and 17 were unopposed. <sup>6</sup> In 1978 data for 2nd and 3rd Districts; 1980 data for 2nd District only. <sup>7</sup> Data are for September open primary. <sup>8</sup> In 1978 and 1980 District 3 was unopposed.

**NO. 422. REPRESENTATIVES ELECTED, BY PERCENT OF VOTE CAST FOR WINNER AND MAJOR PARTY,  
1970 TO 1982, AND BY STATES, 1982**

YEAR, REGION, DIVISION, AND STATE	TOTAL REPRESENTATIVES ELECTED			DEMOCRATS ELECTED			REPUBLICANS ELECTED			REPRESENTATIVES ELECTED WITH NO MAJOR PARTY OPPOSITION					
	Total	Percentage of vote		Total	Percentage of vote		Total	Percentage of vote		Total	Democrats	Republicans			
		Under 55	55– 59.9		Under 55	55– 59.9		Under 55	55– 59.9						
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	435	67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980	435	78	63	294	243	35	35	173	192	43	28	121	54	39	15
1982, total	435	76	73	286	269	40	33	196	166	36	40	90	58	46	10
<b>Regions:</b>															
Northeast	95	15	16	64	58	8	7	43	37	7	9	21	10	9	1
No. Central	113	18	24	71	62	8	9	45	51	10	15	26	8	6	2
South	142	27	13	102	103	16	4	83	39	11	9	19	34	27	7
West	65	16	20	49	46	8	13	25	39	8	7	24	4	4	-
N. Eng.	24	4	6	14	16	2	4	10	8	2	2	4	4	3	1
Maine	2	1	-	1	1	1	-	-	2	1	-	1	-	-	-
N.H.	2	1	-	1	1	1	-	-	1	-	-	1	-	-	-
Vt.	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-
Mass.	11	-	2	9	10	-	2	8	1	-	-	1	4	3	1
R.I.	2	-	1	1	1	-	1	-	1	-	-	1	-	-	-
Conn.	6	2	3	1	4	1	2	1	2	1	-	1	-	-	-
Mid. Atl.	71	11	10	50	42	6	3	33	29	5	7	17	6	6	-
N.Y.	34	14	5	25	20	1	2	17	14	3	3	8	5	5	-
N.J.	14	2	2	10	9	-	-	8	5	1	2	2	2	-	-
Pa.	23	5	3	15	13	4	1	8	10	1	2	7	1	-	-
E. No. Cent.	80	10	14	56	44	4	5	35	36	6	9	21	7	6	1
Ohio	21	1	6	14	10	-	2	8	11	1	4	6	6	-	-
Ind.	10	2	2	6	5	1	2	2	5	1	1	4	4	-	-
Ill.	22	5	2	15	12	2	2	-	10	10	3	2	5	3	-
Mich.	18	2	2	14	12	1	1	10	6	1	1	4	3	3	-
Wis.	9	-	2	7	5	-	-	5	4	-	2	2	2	1	1
W. No. Cent.	33	8	10	15	18	4	4	10	15	4	6	5	1	-	-
Minn.	8	4	-	4	5	2	-	3	3	2	-	1	-	-	-
Iowa	6	-	4	2	3	-	1	2	2	-	3	-	-	-	-
Mo.	9	3	3	3	6	1	2	3	3	2	1	-	-	-	-
N. Dak.	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-
S. Dak.	1	1	-	1	1	1	-	-	-	-	-	-	-	-	-
Nebr.	3	-	1	2	-	-	-	-	3	-	1	2	1	-	1
Kans.	5	-	2	3	2	-	1	1	3	-	1	2	-	-	-
So. Atl.	69	17	10	42	50	11	3	36	19	6	7	6	10	7	3
Del.	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Md.	8	1	-	7	7	1	-	6	1	-	-	1	-	-	-
Va.	10	6	2	12	4	3	1	-	6	3	2	1	2	1	1
W. Va.	4	1	2	4	4	1	1	2	-	-	-	-	-	-	-
N.C.	11	4	2	5	9	4	1	4	2	-	1	1	1	1	1
S.C.	6	2	1	3	3	1	-	2	3	1	1	1	1	1	1
Ga.	10	-	1	9	9	-	-	9	1	-	1	1	3	3	2
Fla.	19	2	3	14	13	-	1	12	6	2	2	2	3	2	1
E. So. Cent.	28	6	1	21	18	2	-	16	10	4	1	5	7	6	1
Ky.	7	1	1	5	4	-	-	4	3	1	1	1	1	1	1
Tenn.	9	1	-	8	6	-	-	6	3	1	-	2	2	1	1
Ala.	7	2	-	5	5	1	-	4	2	1	-	1	3	3	1
Miss.	5	2	-	3	3	1	-	2	2	1	-	1	1	1	-
W. So. Cent.	45	4	2	39	35	3	1	31	10	1	1	8	17	14	3
Ark.	4	1	-	3	2	-	-	2	2	1	-	1	8	6	2
La.	8	-	8	6	6	-	-	6	2	-	-	2	-	6	2
Okla.	6	1	-	5	5	1	-	4	1	-	-	1	4	9	8
Tex.	27	2	2	23	22	2	1	19	5	-	1	4	9	8	-
Mt.	24	7	5	12	8	2	2	4	16	5	3	8	-	-	-
Mont.	2	1	-	1	-	-	1	-	1	-	-	-	-	-	-
Idaho	2	2	-	-	-	-	-	-	2	2	-	-	-	-	-
Wyo.	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-
Colo.	6	1	1	4	3	1	-	2	3	-	1	2	-	-	-
N. Mex.	3	1	1	1	1	-	-	1	2	-	1	1	-	-	-
Ariz.	5	1	-	4	2	1	-	1	3	-	1	3	-	-	-
Utah	3	1	-	2	-	-	-	-	1	-	1	2	-	-	-
Nev.	2	-	2	-	1	-	-	1	-	-	1	-	-	-	-
Pac.	61	9	15	37	38	6	11	21	23	3	4	16	4	4	-
Wash.	8	-	2	6	5	-	1	4	3	-	1	2	-	-	-
Oreg.	5	2	2	1	3	1	1	1	2	-	1	1	-	-	-
Calif.	45	7	11	27	28	5	9	14	17	2	2	13	2	2	-
Alaska	1	-	-	1	-	-	-	1	-	-	1	-	-	-	-
Hawaii	2	-	-	2	2	-	-	2	-	-	-	2	2	2	-

- Represents zero. <sup>1</sup> Includes one Representative elected as an Independent.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 37, No. 13, March 31, 1979, vol. 39, No. 17, April 5, 1981 and vol. 41, No. 7, February 19, 1983 (copyright).

## NO. 423. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1983

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; exclude vacancies at beginning of session.  
See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-169	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	-
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	-
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 <sup>1</sup>	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 <sup>2</sup>	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 <sup>2,3</sup>	R (Nixon)	93d	D-239	R-192	1	D-56	R-42	2
1975 <sup>4</sup>	R (Ford)	94th	D-291	R-144	-	D-60	R-37	2
1977 <sup>5</sup>	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 <sup>5</sup>	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 <sup>6</sup>	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1
1983	R (Reagan)	98th	D-269	R-165	-	R-54	D-46	-

- Represents zero.

<sup>1</sup> Includes Hawaii; members seated Aug. 1959. <sup>2</sup> Senate had 1 Independent and 1 Conservative. <sup>3</sup> House had 1 Independent-Democrat. <sup>4</sup> Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). <sup>5</sup> Senate had 1 Independent.Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

## NO. 424. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1965 TO 1982

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

ITEM	89th Cong., 1965-66	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80	97th Cong., 1981-82
Measures introduced...	24,003	26,460	26,303	22,969	23,396	21,096	19,387	12,583	11,490
Bills...	22,483	24,788	24,631	21,363	21,950	19,762	18,045	11,722	10,582
Joint resolutions...	1,520	1,674	1,672	1,606	1,446	1,334	1,342	861	908
Measures enacted...	1,283	1,002	941	788	774	729	803	736	529
Public...	810	640	695	607	651	588	633	613	473
Private...	473	362	246	161	123	141	170	123	56

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

## NO. 425. CONGRESSIONAL BILLS VETOED: 1923 TO 1982

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoed sustained	Bills passed over veto
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon	42	24	18	36	6
1974-1977	Ford	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2
1981-1982	Reagan	15	9	6	13	2

- Represents zero.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968*; U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

## NO. 426. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS—STATES: 1977 TO 1983

(Figures are for the beginning of the first session. Dem.=Democratic; Rep.=Republican. For composition of regions, see fig. I inside front cover)

REGION, DIVISION, AND STATE	REPRESENTATIVES								SENATORS							
	95th Cong., 1977		96th Cong., <sup>1</sup> 1979		97th Cong., 1981		98th Cong., <sup>2</sup> 1983		95th Cong., <sup>3</sup> 1977		96th Cong., <sup>3</sup> 1979		97th Cong., <sup>3</sup> 1981		98th Cong., <sup>3</sup> 1983	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	292	143	276	157	243	192	269	165	61	38	58	41	46	53	46	54
Regions:																
Northeast	73	31	69	35	59	45	58	37	10	8	10	8	9	9	9	9
North Central	68	53	65	55	58	63	62	51	16	8	14	10	10	14	10	14
South	100	34	96	38	87	47	103	39	22	9	22	9	18	13	18	14
West	51	25	46	29	39	37	46	38	13	13	12	14	9	17	9	17
N. Eng.	17	8	18	7	16	9	16	8	8	4	7	5	6	6	6	6
Maine	-	2	-	2	-	2	-	2	-	1	1	1	1	1	1	1
N.H.	1	-	1	1	1	1	1	1	-	1	1	1	-	1	1	1
Vt.	-	1	-	1	-	1	-	1	1	1	1	1	-	1	1	1
Mass.	10	2	10	2	10	2	10	1	1	1	1	1	-	2	-	1
R.I.	2	-	2	-	1	1	1	1	1	1	1	1	-	1	1	1
Conn.	4	2	5	1	4	2	4	2	1	1	1	1	1	1	1	1
Mid. Atl.	56	23	51	28	43	36	42	29	2	4	3	3	3	3	3	3
N.Y.	28	11	26	13	22	17	20	14	1	1	1	1	1	1	1	1
N.J.	11	4	10	5	8	7	9	5	1	1	2	-	2	1	2	-
Pa.	17	8	15	10	13	12	13	10	-	2	2	-	2	2	-	2
E. No. Cent.	48	38	47	38	43	43	44	38	7	3	8	2	6	4	6	4
Ohio	10	13	10	13	10	13	10	11	2	-	2	-	2	-	2	-
Ind.	9	9	7	4	6	5	5	5	1	1	1	1	-	2	-	2
Ill.	12	12	11	13	10	14	12	10	1	1	1	1	1	1	1	1
Mich.	11	8	13	6	12	7	12	6	1	1	2	-	2	-	2	-
Wis.	7	2	6	2	5	4	5	4	2	-	2	-	1	1	1	1
W. No. Cent.	20	15	18	17	15	20	18	15	9	5	6	8	4	10	4	10
Minn.	5	3	4	3	5	5	5	3	2	-	2	-	2	-	2	-
Iowa	4	2	3	3	3	3	3	3	-	1	1	1	-	2	-	2
Mo.	8	2	8	2	6	4	6	3	1	1	1	1	1	1	1	1
N. Dak.	-	1	-	1	1	-	1	-	1	1	1	1	1	1	1	1
S. Dak.	-	2	1	1	1	1	1	1	-	2	1	1	-	2	-	2
Nebr.	1	2	1	2	-	3	-	3	1	1	2	-	2	-	2	-
Kans.	2	3	1	4	1	4	2	3	-	2	2	-	2	-	2	-
So. Atl.	47	18	48	17	39	26	50	19	10	5	10	5	7	8	7	9
Del.	-	1	-	1	-	1	1	1	1	1	1	1	1	1	1	1
Md.	5	3	6	2	7	1	7	7	1	1	1	1	1	1	1	1
Va.	4	6	4	6	1	9	4	6	2	1	2	-	2	1	-	2
W. Va.	4	-	4	-	2	2	4	-	2	-	2	-	2	-	2	-
N.C.	9	2	9	2	7	4	9	2	1	1	1	1	-	2	-	2
S.C.	5	1	4	2	2	4	3	3	1	1	1	1	1	1	1	1
Ga.	10	-	9	1	9	1	9	1	1	2	-	2	-	1	1	1
Fla.	10	5	12	3	11	4	13	6	2	-	2	-	1	1	1	1
E. So. Cent.	17	10	16	11	16	11	18	10	7	1	6	2	5	3	5	3
Ky.	5	2	4	3	4	3	4	3	2	-	2	-	2	-	2	-
Tenn.	5	3	5	3	5	3	6	3	1	1	1	1	1	1	1	1
Ala.	4	3	4	3	4	3	5	2	-	2	-	1	1	1	1	1
Miss.	3	2	3	2	3	2	3	2	2	-	1	1	1	1	1	1
W. So. Cent.	36	6	32	10	32	10	35	10	5	3	6	2	2	6	2	2
Ark.	3	1	2	2	2	2	2	2	-	2	2	-	2	-	2	-
La.	6	2	5	3	6	2	5	2	-	2	2	-	2	-	2	-
Okla.	5	1	5	1	5	1	5	1	-	2	1	-	1	1	1	1
Tex.	22	2	20	4	19	5	22	5	1	1	1	1	1	1	1	1
Mont.	10	9	9	10	7	12	8	15	7	9	6	10	5	11	5	11
Idaho	-	2	-	2	-	2	-	2	1	1	1	1	-	2	-	2
Wyo.	1	-	1	-	1	-	1	-	1	-	2	-	2	-	2	-
Colo.	3	2	3	2	3	2	3	2	2	2	-	1	1	1	1	1
N. Mex.	1	1	1	1	1	1	1	1	-	2	-	2	-	2	1	1
Ariz.	2	2	2	2	2	2	2	2	3	1	1	1	1	1	1	1
Utah	-	1	1	1	-	1	-	1	1	1	1	1	-	2	1	1
Nev.	1	-	1	-	1	-	1	-	1	1	1	1	-	1	1	-
Pac.	41	16	37	19	32	25	38	23	6	4	6	4	4	6	4	6
Wash.	6	1	6	1	5	2	5	3	2	-	2	-	1	1	1	1
Oreg.	4	-	4	-	3	1	3	2	-	2	-	2	-	2	-	2
Calif.	29	14	25	17	22	21	28	17	1	1	1	1	1	1	1	1
Alaska	-	1	-	1	-	1	-	1	-	2	-	2	-	2	-	2
Hawaii	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-

- Represents zero.

<sup>1</sup> Calif. and Wis. each had 1 vacancy.<sup>2</sup> Colo. had one vacancy.<sup>3</sup> Va. had 1 Senator classified independent.Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

No. 427. MEMBERS OF CONGRESS—INCUMBENTS RE-ELECTED: 1958 TO 1982

ITEM	PRESIDENTIAL-YEAR ELECTIONS						MIDTERM ELECTIONS					
	1960	1964	1968	1972	1976	1980	1958	1962	1966	1970	1974	1978
<b>Representatives:</b>												
Incumbent candidates .....	405	397	409	390	384	398	396	402	411	401	391	382
Re-elected .....	375	344	396	365	368	361	356	368	362	379	343	358
Percent of candidates .....	92.6	86.6	96.8	93.6	95.8	90.7	89.9	91.5	88.1	94.5	87.7	93.7
Defeated: In primaries .....	15	8	4	12	3	6	3	12	8	10	8	5
In general elections .....	25	45	9	13	13	31	37	22	41	12	40	19
<b>Senators:</b>												
Incumbent candidates .....	29	33	28	27	25	29	28	35	32	31	27	25
Re-elected .....	28	28	20	20	16	16	18	29	28	24	23	28
Percent of candidates .....	96.6	84.8	71.4	74.1	64.0	55.2	64.3	82.9	87.5	77.4	85.2	60.0
Defeated: In primaries .....	~	1	4	2	~	4	~	1	3	1	2	3
In general elections .....	1	4	4	5	9	9	10	5	1	6	2	7

- Represents zero. <sup>1</sup> Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death. <sup>2</sup> Six incumbents defeated in primaries by other incumbents due to redistricting.

Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, Nos. 14 and 45, April 5 and Nov. 8, 1980 and vol. 40, Nos. 45 and 49, Nov. 6 and Dec. 4, 1982. (Copyright.)

No. 428. MEMBERS OF CONGRESS—SELECTED CHARACTERISTICS: 1971 TO 1983

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

MEMBERS OF CONGRESS AND YEAR	Male	Female	Black	Married	Not married <sup>1</sup>	AGE (in years)						
						Under 40	40-49	50-59	60-69	70-79	80 and over	
<b>REPRESENTATIVES</b>												
92d Cong., 1971 .....	421	12	12	407	26	40	133	152	86	19	3	
93d Cong., 1973 .....	419	14	15	399	34	45	132	154	80	20	2	
94th Cong., 1975 .....	416	19	15	381	54	69	138	137	75	14	2	
95th Cong., 1977 .....	417	18	16	379	55	81	121	147	71	15	-	
96th Cong., 1979 .....	417	16	16	364	69	86	125	145	63	14	-	
97th Cong., 1981 .....	416	19	17	349	86	94	142	132	54	12	1	
98th Cong., 1983 .....	413	21	21	366	68	86	145	132	57	13	1	
<b>SENATORS</b>												
92d Cong., 1971 .....	99	1	1	97	3	4	24	32	23	16	1	
93d Cong., 1973 .....	100	~	1	96	4	3	25	37	23	11	1	
94th Cong., 1975 <sup>2</sup> .....	100	~	1	94	6	5	21	35	24	15	-	
95th Cong., 1977 .....	100	~	1	91	9	6	26	35	21	10	2	
96th Cong., 1979 .....	99	1	~	95	5	10	31	33	17	8	1	
97th Cong., 1981 .....	98	2	~	93	7	9	35	36	14	6	-	
98th Cong., 1983 .....	98	2	~	90	10	7	28	39	20	3	3	

- Represents zero. <sup>1</sup> Single, widowed, or divorced. <sup>2</sup> Includes Sen. Durkin, N.H., seated Sept. 1975.

No. 429. MEMBERS OF CONGRESS—SENIORITY AND OCCUPATION: 1977 TO 1983

[As of beginning of first session of each Congress. Dem.=Democratic; Rep.=Republican]

SENIORITY AND OCCUPATION	REPRESENTATIVES						SENATORS						
	95th Cong., 1977	96th Cong., 1979	97th Cong., 1981	98th Cong., 1983 <sup>1</sup>	Total	Dem.	Rep.	95th Cong., 1977	96th Cong., 1979	97th Cong., 1981	98th Cong., 1983	Total	Dem.	Rep.
<b>Total.....</b>	435	<sup>2</sup> 435	435	<sup>3</sup> 435	269	165	100	100	100	100	100	46	54
<b>Seniority:</b> <sup>4</sup>													
Less than 2 years .....	71	80	77	83	58	25	18	20	19	5	2	3	
2-9 years .....	207	206	231	224	132	92	41	41	51	61	26	35	
10-19 years .....	116	105	96	88	48	40	24	23	17	21	8	13	
20-29 years .....	33	32	23	28	20	8	12	12	11	10	7	3	
30 years or more .....	8	10	8	11	11	-	5	4	2	3	-	-	
<b>Occupation:</b> <sup>5</sup>													
Agriculture .....	16	19	28	29	13	16	9	6	9	9	2	7	
Business or banking .....	118	127	134	139	73	66	24	29	28	35	14	21	
Education .....	70	57	59	43	30	13	8	7	10	12	5	7	
Journalism .....	27	11	21	21	12	9	6	2	7	7	5	2	
Law .....	222	205	194	201	195	66	68	65	59	61	32	29	
Public service/politics .....	60	41	52	49	36	13	17	12	13	2	-	-	

- Represents zero. <sup>1</sup> Data have been adjusted for the subsequent switching of parties by one Representative and the Representative elected to fill the vacancy created by the death of Representative Rosenthal. <sup>2</sup> Includes 2 vacancies.

<sup>3</sup> Includes one vacancy. <sup>4</sup> Represents consecutive years of service. <sup>5</sup> Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 41 No. 4, Jan. 29, 1983, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total.

Source of tables 428 and 429: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

## No. 430. NUMBER OF GOVERNORS, BY POLITICAL PARTY AFFILIATIONS: 1960 TO 1983

[Reflects results of elections in November of previous year and holdover incumbents]

YEAR	Democratic	Repub-lican	YEAR	Democratic	Repub-lican	Independent	YEAR	Democratic	Repub-lican	Independent
1960	34	16	1968	24	26	-	1976	36	13	1
1961	34	16	1969	20	30	-	1977	37	12	1
1962	34	16	1970	18	32	-	1978	37	12	1
1963	34	16	1971	29	21	-	1979	32	18	-
1964	34	16	1972	30	20	-	1980	31	19	-
1965	33	17	1973	31	19	-	1981	27	23	-
1966	33	17	1974	32	18	-	1982	27	23	-
1967	25	25	1975	36	13	1	1983	34	16	-

- Represents zero.

Source: National Governors' Association, Washington, D.C., *Governors of the American States, Commonwealths, and Territories, 1983*. (Copyright.)

## No. 431. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATES: 1976 TO 1982

[In thousands, except percent. D=Democratic, R=Republican]

DIVISION AND STATE	1976		1978		1980		1982		Candidate elected at most recent election
	Total vote <sup>1</sup>	Percent leading party							
N. Eng.:									
Maine	(x)	(x)	370	D-47.7	(x)	(x)	460	D-61.1	Joseph E. Brennan
N.H.	343	R-57.7	270	D-49.4	384	D-50.0	283	R-51.4	John H. Sununu
Vt.	186	R-53.4	124	R-62.8	210	R-58.6	169	R-55.0	Richard A. Snelling
Mass.	(x)	(x)	1,962	D-52.5	(x)	(x)	2,050	D-59.5	Michael S. Dukakis
R.I.	399	D-54.8	314	D-62.8	406	D-73.7	337	D-73.3	J. Joseph Garrahy
Conn.	(x)	(x)	1,037	D-59.2	(x)	(x)	1,084	D-53.3	William A. O'Neill
Mld. Atl.:									
N.Y.	(x)	(x)	4,769	D-50.9	(x)	(x)	5,255	D-50.9	Mario M. Cuomo
N.J. <sup>2</sup>	2,126	D-55.7	(x)	(x)	2,317	R-49.5	(x)	(x)	Thomas H. Kean
Pa.	(x)	(x)	3,743	R-52.5	(x)	(x)	3,684	R-50.8	Richard Thornburgh
E. No. Cent.:									
Ohio	(x)	(x)	2,843	R-49.3	(x)	(x)	3,357	D-59.0	Richard F. Celeste
Ind.	2,175	R-56.8	(x)	(x)	2,178	R-57.7	(x)	(x)	Robert D. Orr
Ill.	4,639	R-64.7	3,150	R-58.0	(x)	(x)	3,674	R-49.4	James R. Thompson
Mich.	(x)	(x)	2,867	R-56.8	(x)	(x)	3,040	D-51.4	James J. Blanchard
Wis.	(x)	(x)	1,501	R-54.4	(x)	(x)	1,580	D-56.7	Anthony S. Earl
W. No. Cent.:									
Minn.	(x)	(x)	1,586	R-52.3	(x)	(x)	1,786	D-58.8	Rudy Perpich
Iowa	(x)	(x)	843	R-58.3	(x)	(x)	1,038	R-52.8	Terry E. Branstad
Mo.	1,934	D-50.2	(x)	(x)	2,088	R-52.6	(x)	(x)	Christopher S. Bond
N. Dak.	297	D-51.6	(x)	(x)	303	R-53.6	(x)	(x)	Allen I. Olson
S. Dak.	(x)	(x)	260	R-56.6	(x)	(x)	279	R-70.9	William J. Janklow
Nebr.	(x)	(x)	492	R-55.9	(x)	(x)	548	D-50.6	Bob Kerrey
Kans.	(x)	(x)	736	D-48.4	(x)	(x)	763	D-53.2	John Carlin
So. Atl.:									
Del.	230	R-56.8	(x)	(x)	225	R-70.6	(x)	(x)	Pierre S. du Pont
Md.	(x)	(x)	1,012	D-71.0	(x)	(x)	1,139	D-62.0	Harry Hughes
Va. <sup>3</sup>	1,251	R-55.9	(x)	(x)	1,421	D-53.5	(x)	(x)	Charles S. Robb
W. Va.	749	D-66.2	(x)	(x)	742	D-54.1	(x)	(x)	John D. Rockefeller, IV
N.C.	1,664	D-65.0	(x)	(x)	1,847	D-61.9	(x)	(x)	James B. Hunt, Jr.
S.C.	(x)	(x)	627	D-61.4	(x)	(x)	672	D-69.8	Richard W. Riley
Ga.	(x)	(x)	663	D-80.7	(x)	(x)	1,169	D-62.8	Joe Frank Harris
Fla.	(x)	(x)	2,530	D-55.6	(x)	(x)	2,689	D-64.7	Robert Graham
E. So. Cent.:									
Ky. <sup>4</sup>	748	D-62.8	939	D-59.4	(x)	(x)	(x)	(x)	John Y. Brown
Tenn.	(x)	(x)	1,190	R-55.6	(x)	(x)	1,239	R-59.6	Lamar Alexander
Ala.	(x)	(x)	760	D-72.6	(x)	(x)	1,129	D-57.6	George C. Wallace
Miss. <sup>5</sup>	708	D-52.2	677	D-61.1	(x)	(x)	(x)	(x)	William Winter
W. So. Cent.:									
Ark.	727	D-83.2	529	D-63.3	839	R-51.9	789	D-54.7	Bill Clinton
La.	4,1203	* 62.4	1,372	R-50.3	(x)	(x)	(x)	(x)	David C. Treen
Okla.	(x)	(x)	777	D-51.7	(x)	(x)	883	D-62.1	George Nigh
Tex.	(x)	(x)	2,370	R-50.0	(x)	(x)	3,191	D-53.2	Mark White
Mt.:									
Mont.	317	D-61.7	(x)	(x)	360	D-55.4	(x)	(x)	Ted Schwinden
Idaho	(x)	(x)	289	D-74.5	(x)	(x)	327	D-50.6	John E. Evans
Wyo.	(x)	(x)	138	D-50.9	(x)	(x)	169	D-63.1	Ed Herschler
Colo.	(x)	(x)	824	D-58.8	(x)	(x)	956	D-65.7	Richard D. Lamm
N. Mex.	(x)	(x)	346	D-50.5	(x)	(x)	407	D-53.0	Toney Anaya
Ariz.	(x)	(x)	539	D-52.5	(x)	(x)	726	D-62.5	Bruce Babbitt
Utah.	540	D-52.0	(x)	(x)	600	D-55.2	(x)	(x)	Scott M. Matheson
Nev.	(x)	(x)	192	R-56.2	(x)	(x)	240	D-53.4	Richard H. Bryan
Pac.:									
Wash.	1,546	D-53.1	(x)	(x)	1,731	R-56.7	(x)	(x)	John Spellman
Oreg.	(x)	(x)	911	R-54.7	(x)	(x)	1,042	R-61	Victor Aliyah
Calif.	(x)	(x)	6,922	D-56.0	(x)	(x)	7,877	R-49.3	George Deukmejian
Alaska	(x)	(x)	127	R-39.1	(x)	(x)	195	D-46.1	Bill Shefield
Hawaii	(x)	(x)	282	D-54.5	(x)	(x)	312	D-45.2	George R. Ariyoshi

<sup>1</sup> Not applicable. <sup>2</sup> Includes minor party and scattered votes. and 1981. <sup>3</sup> Voting years 1975 and 1979. <sup>4</sup> Primary election, Nov. 1975, held on a non-party basis.<sup>2</sup> Voting years 1977, and 1981. <sup>5</sup> Dec. 1979 vote.Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

## NO. 432. COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS: 1976 TO 1982

[Data reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators.]

STATE	LOWER HOUSE								UPPER HOUSE							
	1976 <sup>1,2</sup>		1978 <sup>3,4</sup>		1980 <sup>5,6</sup>		1982 <sup>7</sup>		1976 <sup>2,8</sup>		1978 <sup>4,9</sup>		1980 <sup>6,10</sup>		1982 <sup>11</sup>	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S. ....	3,772	1,783	3,454	2,027	3,289	2,180	3,438	2,002	1,306	618	1,260	669	1,182	742	1,222	710
Ala. <sup>12</sup> ....	103	2	101	4	100	4	97	8	34	-	35	-	35	-	32	3
Alaska <sup>13</sup> ....	25	15	25	14	22	16	19	21	12	8	9	11	11	9	9	11
Ariz. <sup>14</sup> ....	22	38	18	42	17	43	21	39	16	14	14	16	14	16	12	18
Ark. <sup>13</sup> ....	95	5	94	6	93	7	93	7	34	1	35	-	34	1	32	3
Calif. <sup>13</sup> ....	57	23	50	30	48	32	48	32	26	14	25	14	23	17	25	15
Colo. <sup>13</sup> ....	30	35	27	38	26	39	25	40	17	18	13	22	13	22	14	21
Conn. <sup>14</sup> ....	91	60	103	48	83	68	88	63	22	14	26	10	22	13	23	13
Del. <sup>13</sup> ....	26	15	20	21	16	25	25	16	13	8	13	8	12	9	13	8
Fla. <sup>10</sup> ....	93	27	89	31	81	39	84	36	30	9	29	11	27	13	32	8
Ga. <sup>14</sup> ....	156	24	160	20	156	23	156	24	52	4	51	5	51	5	48	7
Hawaii <sup>13</sup> ....	41	10	42	9	39	12	43	8	18	7	18	7	17	8	20	5
Idaho <sup>14</sup> ....	22	48	20	50	14	58	19	51	15	20	16	19	12	23	14	21
Ill. <sup>13</sup> ....	94	83	89	88	86	91	70	48	34	25	32	27	30	29	33	26
Ind. <sup>13</sup> ....	48	52	46	54	35	63	43	57	28	22	21	29	15	36	18	32
Iowa <sup>13</sup> ....	59	41	44	55	42	58	60	40	26	24	21	29	22	28	28	22
Kans. <sup>13</sup> ....	65	60	56	69	53	72	53	72	19	21	19	21	16	24	16	24
Ky. <sup>13</sup> ....	78	22	75	25	75	24	76	24	29	9	28	9	29	9	29	9
La. <sup>13</sup> ....	101	4	96	9	95	10	95	9	36	1	39	-	39	-	39	-
Maine <sup>14</sup> ....	89	62	77	73	84	67	92	59	12	21	13	19	16	17	23	10
Md. <sup>12</sup> ....	125	15	125	16	125	15	124	17	39	8	40	7	40	7	41	6
Mass. <sup>14</sup> ....	192	44	129	30	128	31	131	29	34	6	34	6	32	7	33	7
Mich. <sup>13</sup> ....	68	42	70	40	64	46	63	47	24	14	24	14	24	14	20	18
Minn. <sup>13</sup> ....	100	34	67	67	70	64	77	57	48	19	47	20	45	22	42	25
Miss. <sup>12</sup> ....	117	3	116	4	115	4	116	4	50	2	48	4	48	4	48	4
Mo. <sup>13</sup> ....	112	51	117	46	111	52	110	53	22	12	22	12	23	10	22	12
Mont. <sup>13</sup> ....	57	43	55	45	43	57	55	45	25	25	26	24	21	28	24	26
Nebr. <sup>(15)</sup> ....	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)	(15)
Nev. <sup>13</sup> ....	35	5	26	14	26	14	23	19	17	3	15	5	15	5	17	4
N.H. <sup>14</sup> ....	175	219	170	223	160	238	160	236	12	12	11	13	10	13	9	15
N.J. <sup>13</sup> ....	54	26	44	36	43	37	43	37	27	13	27	13	22	18	23	17
N. Mex. <sup>13</sup> ....	48	22	41	29	41	29	45	25	33	9	32	10	22	20	23	19
N.Y. <sup>14</sup> ....	87	58	86	64	88	63	97	52	21	36	25	35	25	35	26	35
N.C. <sup>14</sup> ....	114	6	106	14	95	24	101	18	47	3	44	6	40	10	44	6
N. Dak. <sup>13</sup> ....	50	50	29	71	27	73	55	51	18	32	15	35	10	40	21	32
Ohio <sup>13</sup> ....	62	37	62	37	54	45	63	36	21	12	18	15	15	18	17	16
Okla. <sup>13</sup> ....	79	22	75	26	73	28	77	24	39	9	38	10	37	11	34	14
Oreg. <sup>13</sup> ....	37	23	34	26	33	27	36	24	24	6	23	7	22	8	21	9
Pa. <sup>13</sup> ....	118	84	100	102	100	103	103	100	28	20	28	22	23	23	25	23
R.I. <sup>14</sup> ....	83	17	84	16	82	18	85	15	45	5	46	4	43	7	43	7
S.C. <sup>13</sup> ....	111	12	107	16	107	17	104	20	43	3	43	3	41	5	40	6
S. Dak. <sup>14</sup> ....	22	48	22	48	21	49	16	54	12	23	11	24	10	25	9	26
Tenn. <sup>13</sup> ....	66	32	60	38	57	39	60	58	23	9	20	12	20	12	21	11
Tex. <sup>13</sup> ....	131	19	127	23	114	35	114	36	27	4	26	5	23	7	26	5
Utah <sup>13</sup> ....	35	40	24	51	17	58	17	58	17	12	10	19	7	22	5	24
Vi. <sup>14</sup> ....	75	74	69	79	64	66	65	83	9	21	10	20	14	16	13	17
Va. <sup>13</sup> ....	76	21	74	25	66	33	66	33	35	5	31	9	31	9	32	8
Wash. <sup>13</sup> ....	62	36	49	49	42	56	54	44	29	20	30	19	24	25	26	23
W. Va. <sup>13</sup> ....	91	9	74	26	78	22	87	13	28	6	26	8	27	7	31	3
Wis. <sup>13</sup> ....	66	33	60	37	59	39	59	40	22	11	21	12	19	14	17	14
Wyo. <sup>13</sup> ....	29	32	20	42	23	39	25	38	12	18	11	19	11	19	11	19

<sup>1</sup> Represents zero. <sup>2</sup> Excludes 1 Independent each for Miss., N.Y., Tenn., Vt., and Wyo.; 3 Independents each for Mass. and Va.; 1 vacancy each for Md., Mass., Miss., Pa., and S.C.; 4 vacancies for N.Y., and 6 vacancies for N.H. <sup>3</sup> Status as of January 1978; includes elections held and vacancies filled in 1977. <sup>4</sup> Excludes 1 Independent each for Maine, Mass., Tenn., and Vt.; 1 Libertarian for Alaska; 2 Independent-Republicans for Miss.; 2 Independents for Vt.; 1 vacancy each for Pa. and S.C.; 2 vacancies for Wis.; and 7 vacancies for N.H.

<sup>5</sup> Excludes 1 Independent each for Md., Mass., and Va.; 2 Independents each for Miss. and Tenn.; 2 Libertarians for Alaska; 1 vacancy each for Ala., Ga., Ky., Miss., N.Y., N.C., Tenn., Tex., and Wis.; and 2 vacancies each for Ind. and N.H. <sup>6</sup> Status as of late 1981; includes elections held and vacancies filled in 1981. <sup>7</sup> Excludes 1 Independent each for Ia., Tenn., Va., and Wyo.; 2 Independents each for Miss., N.H., and Vt.; and 1 vacancy each for N.Y. and N.C. <sup>8</sup> Excludes 1 Independent each for Ala., Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. <sup>9</sup> Excludes 1 Independent each for Maine and Tenn.; and 1 vacancy for Calif.

<sup>10</sup> Excludes 1 Independent each for Mass. and Tenn.; 1 vacancy each for Conn., Mo., N.H., and Tex.; and 2 vacancies for Pa. <sup>11</sup> Excludes 1 Independent for Tenn.; 1 vacancy each for Ga. and Pa.; and 2 vacancies for Wis.

<sup>12</sup> Members of both houses serve 4-year terms. <sup>13</sup> Upper House members serve 4-year terms and Lower House members serve 2-year terms. <sup>14</sup> Members of both houses serve 2-year terms. <sup>15</sup> Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, Kentucky, *Book of the States*, and its Supplement I, both biennial. (Copyright.)

**NO. 433. BLACK ELECTED OFFICIALS, BY OFFICE, 1970 TO 1982, AND BY REGIONS AND STATES, 1982**

[As of July 1982, no Black elected officials had been identified in Idaho, Montana, New Hampshire, North Dakota, South Dakota, Vermont, or Wyoming. For composition of regions, see fig. I, inside front cover.]

YEAR, REGION, DIVISION, AND STATE	Total	U.S. and State legislatures <sup>1</sup>	City and county offices <sup>2</sup>	Law enforcement <sup>3</sup>	Education <sup>4</sup>	DIVISION AND STATE	Total	U.S. and State legislatures <sup>1</sup>	City and county offices <sup>2</sup>	Law enforcement <sup>3</sup>	Education <sup>4</sup>
1970 (Feb.)	1,472	182	715	213	362	W. No. Cent.— Con.					
1972 (Mar.)	2,264	224	1,108	263	669	Nebr.	6	1	1	-	4
1973 (Apr.)	2,621	256	1,264	334	767	Kans.	26	5	12	1	8
1974 (Apr.)	2,991	256	1,602	340	793						
1975 (Apr.)	3,503	299	1,878	387	939	So. Atl.— Del.	1,361	79	1,009	56	215
1976 (Apr.)	3,979	299	2,274	412	994	Md.	22	3	10	9	
1977 (July)	4,311	316	2,497	447	1,051	D.C.	82	22	48	10	2
1979 (July)	4,503	316	2,595	454	1,138	Va.	93	5	84	4	-
1979 (July)	4,584	315	2,647	486	1,136	W. Va.	20	2	17	1	-
1980 (July)	4,890	326	2,832	526	1,206	N.C.	266	4	179	10	73
1981 (July)	5,014	343	2,863	549	1,259	S.C.	235	15	151	14	55
1982 (July)	5,115	342	2,951	563	1,259	Ga.	271	22	182	14	53
						Fla.	118	5	95	5	13
<b>Regions:</b>						E. So. Cent.— Ky.	899	51	565	133	150
Northeast	577	59	211	91	216	Tenn.	79	4	50	8	17
No. Central	1,090	92	613	114	271	Ala.	127	14	78	15	20
South	3,140	165	2,040	287	618	Miss.	269	16	183	37	33
West	308	26	87	71	124		424	17	254	73	80
N. Eng.	92	19	49	2	22	W. So. Cent.— Ark.	880	35	466	96	283
Maine	4	-	3	-	1	La.	219	5	100	20	84
Mass.	28	6	13	-	9	Oklahoma	372	12	220	43	97
R.I.	6	2	4	-	-	Okla.	82	4	57	2	19
Conn.	54	11	29	2	12	Tex.	207	14	89	21	83
Mid Atl.	485	40	162	89	194	Mt.	44	9	16	8	11
N.Y.	192	18	32	39	103	Colo.	14	3	3	4	4
N.J.	170	6	88	-	76	N. Mex.	6	-	5	-	1
Pa.	123	16	42	50	15	Ariz.	15	2	6	2	5
E. No. Cent.	895	66	496	97	236	Utah	1	1	-	-	-
Ohio	194	13	106	24	51	Nev.	8	3	2	2	1
Ind.	67	7	50	4	6						
Ill.	325	25	200	25	75	Pac.	264	17	71	63	113
Mich.	293	18	132	42	101	Wash.	15	2	6	3	4
Wis.	16	3	8	2	3	Oreg.	6	1	2	2	1
W. No. Cent.	195	26	117	17	35	Calif.	236	13	62	58	106
Minn.	10	1	3	3	3	Alaska	2	1	-	-	1
Iowa	6	-	-	1	5	Hawaii	2	-	-	-	-
Mo.	147	19	101	12	15						

- Represents zero.

<sup>1</sup> Includes elected State administrators and directors of State agencies.

<sup>2</sup> County commissioners and

councilmen, mayors, vice mayors, aldermen, regional officials, and other.

<sup>3</sup> Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other.

<sup>4</sup> College boards, school boards and other.

Source: Joint Center for Political Studies, Washington, D.C., *National Roster of Black Elected Officials*, annual. (Copyright.)

**NO. 434. VOTER REGISTRATION IN 11 SOUTHERN STATES, BY RACE: 1960 TO 1982**

[In thousands, except percent. For 1960 to 1970, population 21 yr. and over, except Ga., 18 yr. and over; beginning 1975, population 18 yr. and over for all Southern States. For voting age population, see table 437]

YEAR AND RACE	Total	Ala.	Ark.	Fla.	Ga.	La.	Miss.	N.C.	S.C.	Tenn.	Tex.	Va.
1960: White	12,276	860	518	1,819	1,020	993	478	1,661	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent White <sup>1</sup>	61.1	63.6	60.9	69.3	56.8	76.9	63.9	92.1	57.1	73.0	42.5	46.1
Percent Black <sup>1, 2</sup>	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1966: White	14,310	1,192	598	2,093	1,378	1,072	471	1,654	718	1,375	2,600	1,159
Black	2,689	250	115	303	300	243	175	282	191	223	400	205
1970: White	16,985	1,311	728	2,495	1,615	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	268
1976: White	21,690	1,544	817	3,480	1,703	1,445	3 866	2,137	828	1,866	5,191	1,794
Black	4,149	1 321	1 204	410	4 598	421	4 286	396	265	2 271	4 640	4 317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	489	450	465	330	440	320	300	620	360
Percent White <sup>1</sup>	71.9	61.4	76.9	87.7	63.0	74.8	89.8	70.1	58.5	78.5	75.1	62.2
Percent Black <sup>1</sup>	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64.0	56.0	53.2
1982: White	22,858	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
Percent White <sup>1</sup>	65.8	79.4	70.2	65.7	66.8	71.9	90.6	65.5	55.0	71.3	59.3	58.3
Percent Black <sup>1</sup>	56.5	69.7	63.9	59.7	50.4	61.1	64.2	50.9	53.9	66.1	49.5	49.5

<sup>1</sup> Of voting age population.

<sup>2</sup> Includes other minority races.

<sup>3</sup> 1975 data.

<sup>4</sup> Estimated.

Source: Voter Education Project, Inc., Atlanta, Ga., *Voter Registration in the South*, issued irregularly.

**No. 435. WOMEN HOLDING STATE AND LOCAL PUBLIC OFFICES, BY OFFICE, 1975 TO 1981, AND BY STATES, 1981**

[As of August. For data on women in U.S. Congress, see table 428]

YEAR AND STATE	Total	State legislature	County commission	Mayoralty	Townships and local councils	STATE	Total	State legislature	County commission	Mayoralty	Townships and local councils
1975 .....	7,089	1,702	456	586	5,365	Minn. <sup>2</sup> .....	546	24	13	65	444
1977 .....	11,392	1,806	656	735	9,195	Miss. <sup>2</sup> .....	191	2	5	18	166
1979 .....	14,353	1,947	947	998	11,461	Mo. <sup>2</sup> .....	424	22	22	32	348
1980 .....	16,083	763	1,144	1,333	12,843	Mont. <sup>2</sup> .....	133	17	10	11	95
1981 <sup>2</sup> .....	16,585	908	1,205	7	1,680	12,792					
Percent <sup>3</sup> .....	12	12	9	9	14	Nebr. <sup>2</sup> .....	229	5	22	17	185
Ala. ....	327	6	9	26	286	N.H. ....	19	7	4	1	7
Alaska .....	189	6	12	11	4	N.J. ....	435	8	17	39	371
Ariz. ....	118	17	7	8	86	N. Mex. ....	115	7	11	12	85
Ark. ....	375	5	64	34	272	N.Y. ....	171	18	100	45	48
Calif. ....	468	12	52	66	338	N.C. ....	336	22	36	39	239
Colo. ....	339	23	13	26	277	N. Dak. ....	189	18	7	18	146
Conn. ....	297	44	(x)	17	236	Ohio <sup>2</sup> ....	789	10	18	20	741
Del. ....	71	9	3	12	47	Oklahoma <sup>2</sup> ....	298	12	6	39	241
D.C. ....	6	(x)	(x)	-	6	Oreg. <sup>2</sup> ....	347	20	30	31	266
Fla. ....	362	17	38	32	275	Pa. ....	593	12	16	58	447
Ga. ....	222	17	22	18	165	R.I. <sup>2</sup> ....	57	15	(x)	-	42
Hawaii .....	20	14	4	1	1	S.C. ....	185	11	21	12	141
Idaho .....	153	10	8	19	116	S. Dak. ....	171	11	13	23	124
Ill. ....	669	32	4	117	66	Tenn. ....	218	6	75	6	131
Ind. ....	353	12	59	200	52	Tex. <sup>2</sup> ....	740	12	25	73	630
Iowa <sup>2</sup> .....	624	18	25	35	546	Utah ....	137	8	3	11	115
Kans. ....	550	22	23	118	387	Vt. ....	116	39	(x)	19	58
Ky. ....	457	10	25	45	377	Va. ....	217	9	12	13	183
La. <sup>2</sup> .....	161	2	20	15	124	Wash. ....	333	35	10	40	248
Maine <sup>2</sup> .....	270	42	-	57	171	W. Va. <sup>2</sup> ....	228	16	7	17	188
Md. <sup>2</sup> .....	160	28	9	12	111	Wis. <sup>2</sup> ....	118	20	71	9	418
Mass. ....	212	19	5	43	145	Wyo. <sup>2</sup> ....	106	17	3	10	76
Mich. ....	2,584	16	129	115	2,324						

- Represents zero. X Not applicable. <sup>1</sup> Includes all major State appellate courts and trial courts: 92 in 1975, 110 in

1977, and 177 in 1979. <sup>2</sup> Except for State legislature, data are preliminary. <sup>3</sup> Percent of all officeholders. Total number of

officeholders based on 1977 Census of Governments. <sup>4</sup> Incomplete reporting. <sup>5</sup> Township trustees counted as "mayor."

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey, informal information releases.

**NO. 436. PARTICIPATION IN ELECTIONS FOR PRESIDENT AND U.S. REPRESENTATIVES: 1932 TO 1982**

[Population estimated, as of November. Resident population 21 years old and over, 1932-1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. District of Columbia is included in votes cast for President beginning 1954 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age <sup>1</sup> (1,000)	VOTES CAST			YEAR	Resident population (incl. aliens) of voting age <sup>1</sup> (1,000)	VOTES CAST				
		For President <sup>2</sup> (1,000)	Percent of voting age population	For U.S. Representatives <sup>2</sup> (1,000)			For President <sup>2</sup> (1,000)	Percent of voting age population	For U.S. Representatives <sup>2</sup> (1,000)	Percent of voting age population	
1932 .....	75,768	39,732	52.4	37,657	49.7	1958 .....	106,447	(x)	(x)	45,818	43.0
1934 .....	77,997	(x)	(x)	32,256	41.4	1960 .....	109,672	68,838	62.8	64,133	58.5
1936 .....	80,174	45,643	56.0	42,886	53.5	1962 .....	112,952	(x)	(x)	51,267	45.4
1938 .....	82,354	(x)	(x)	36,236	44.0	1964 .....	114,090	70,645	61.9	65,895	57.8
1940 .....	84,728	49,900	56.9	46,951	55.4	1966 .....	116,838	(x)	(x)	52,908	45.4
1942 .....	86,465	(x)	(x)	28,074	32.5	1968 .....	120,285	73,212	60.9	66,288	55.1
1944 .....	85,654	47,977	55.0	45,103	52.7	1970 .....	124,498	(x)	(x)	54,173	43.5
1946 .....	92,659	(x)	(x)	34,396	37.1	1972 .....	140,777	77,719	55.2	71,430	50.7
1948 .....	95,573	48,794	51.1	45,933	48.1	1974 .....	146,338	(x)	(x)	52,495	35.9
1950 .....	98,134	(x)	(x)	40,342	41.1	1976 .....	152,308	81,556	53.5	74,422	48.9
1952 .....	99,929	61,551	61.6	57,571	57.6	1978 .....	158,369	(x)	(x)	55,332	34.9
1954 .....	102,075	(x)	(x)	42,580	41.7	1980 .....	164,381	86,515	52.6	77,995	47.4
1956 .....	104,515	62,027	59.3	58,426	55.9	1982 .....	169,342	(x)	(x)	64,514	38.1

X Not applicable.

<sup>1</sup> Population 18 and over in Georgia, 1944-1970, and in Kentucky, 1956-1970; 19 and over in Alaska and Hawaii, 1960-1970.

<sup>2</sup> Source: 1932-1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916; and, beginning 1960, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 437. RESIDENT POPULATION OF VOTING AGE, 1972 TO 1982, AND BY SELECTED CHARACTERISTICS, 1980 AND 1982—STATES

[In thousands, except percent. Estimated population, 18 years old and over, as of November, except as noted. Includes Armed Forces stationed in each State, aliens, and institutional population. Except as noted, data are consistent with 1980 census Advance Reports series PHC80-V; see text, pp. 1 and 2]

REGION, DIVISION, AND STATE	1972	1976	1978	1980	1982					1980, <sup>1</sup> PERCENT OF VOTING-AGE POPULATION		
					Total	18-24 years	25-44 years	45-64 years	65 yr. and over	Female	Black	Span- ish origin <sup>2</sup>
U.S.	140,777	152,308	158,389	164,381	169,342	29,917	67,987	44,475	26,963	52.4	10.5	5.5
Region:												
Northeast	34,196	35,354	35,868	36,295	36,985	6,175	14,176	10,320	6,314	53.4	8.9	4.5
North Central	38,172	40,248	41,373	42,144	42,641	7,657	16,860	11,139	6,985	52.4	8.1	1.8
South	43,943	49,113	51,645	54,470	55,873	10,208	22,821	14,807	9,038	52.5	16.7	5.2
West	24,466	27,592	29,483	31,471	32,843	5,878	14,130	8,209	4,627	51.1	4.9	12.2
N.E.	8,262	8,711	8,956	9,148	9,405	1,649	3,665	2,503	1,588	53.2	3.4	1.9
Maine	692	759	791	810	831	143	322	219	147	52.5	.3	.4
New Hampshire	525	593	608	671	697	123	289	176	110	52.3	.4	.5
Vermont	309	337	353	369	379	71	157	91	61	52.4	.2	.6
Massachusetts	3,963	4,132	4,213	4,281	4,394	706	1,704	1,153	751	53.6	3.4	1.9
Rhode Island	682	689	707	710	726	129	266	188	102	53.5	2.5	1.8
Connecticut	2,091	2,201	2,254	2,307	2,378	398	927	666	387	52.8	6.0	3.1
M.A.	25,934	26,643	26,912	27,148	27,580	4,526	10,511	7,818	4,725	53.5	10.7	5.4
New York	12,717	12,892	12,912	12,945	13,153	2,175	5,094	3,674	2,208	53.8	12.4	8.3
New Jersey	5,010	5,220	5,326	5,417	5,544	891	2,147	1,601	906	53.2	11.0	5.7
Pennsylvania	8,207	8,531	8,673	8,785	8,883	1,460	3,270	2,543	1,610	53.3	8.1	1.0
E.N.C.	27,064	28,469	29,251	29,747	30,061	5,406	11,998	7,942	4,714	52.5	9.8	2.1
Ohio	7,149	7,461	7,638	7,731	7,793	1,367	3,077	2,122	1,228	52.8	9.2	.9
Indiana	3,498	3,692	3,812	3,883	3,904	713	1,553	1,025	613	52.5	6.8	1.3
Illinois	7,575	7,939	8,132	8,224	8,346	1,478	3,347	2,206	1,313	52.6	12.9	4.6
Michigan	5,878	6,214	6,406	6,526	6,554	1,208	2,668	1,712	967	52.2	11.7	1.4
Wisconsin	2,965	3,163	3,263	3,383	3,464	641	1,354	876	593	51.9	3.2	1.1
W.N.C.	11,108	11,780	12,122	12,398	12,580	2,251	4,882	3,197	2,271	52.3	4.1	1.0
Minnesota	2,537	2,726	2,823	2,927	2,988	563	1,210	725	500	51.9	1.1	.6
Iowa	1,917	2,026	2,075	2,091	2,094	363	792	539	400	52.4	1.2	.7
Missouri	3,210	3,408	3,499	3,577	3,640	636	1,580	955	668	53.1	9.3	.9
North Dakota	411	442	455	465	473	90	184	116	83	50.1	.4	.5
South Dakota	443	469	480	495	482	88	177	124	94	51.3	.3	.5
Nebraska	1,021	1,081	1,108	1,128	1,144	203	443	287	211	52.1	2.6	1.4
Kansas	1,539	1,628	1,681	1,726	1,759	317	675	451	315	51.9	4.8	2.2
S.A.	21,889	24,586	25,832	27,243	28,523	4,988	11,263	7,564	4,709	52.6	18.5	3.2
Delaware	379	412	426	432	443	86	174	119	64	52.8	14.2	1.3
Maryland	2,721	2,920	3,014	3,082	3,190	571	1,342	853	423	52.6	20.8	1.4
District of Columbia	537	525	515	493	487	90	204	119	74	54.9	65.8	2.8
Virginia	3,257	3,613	3,794	3,920	4,078	768	1,719	1,050	541	51.8	17.5	1.4
West Virginia	1,219	1,314	1,363	1,395	1,408	227	546	386	248	52.6	3.2	.6
North Carolina	3,548	3,907	4,088	4,265	4,417	820	1,774	1,168	655	52.4	20.3	.9
South Carolina	1,762	1,993	2,104	2,204	2,291	452	945	581	313	52.4	27.3	1.0
Georgia	3,153	3,494	3,867	3,888	4,040	753	1,717	1,016	554	52.9	24.3	1.1
Florida	5,313	6,408	6,862	7,585	8,169	1,221	2,841	2,271	1,836	53.0	11.3	8.5
E.S.C.	8,773	9,624	10,048	10,367	10,552	1,895	4,165	2,750	1,741	52.8	17.4	.8
Kentucky	2,223	2,434	2,528	2,590	2,620	476	1,045	673	427	52.2	6.7	.7
Tennessee	2,763	3,033	3,179	3,313	3,375	583	1,352	891	548	52.9	14.2	.8
Alabama	2,325	2,554	2,669	2,748	2,812	504	1,098	745	465	53.2	22.9	.8
Mississippi	1,462	1,603	1,672	1,716	1,745	333	670	442	301	53.2	31.0	.9
W.S.C.	13,281	14,904	15,766	16,860	17,798	3,224	7,394	4,492	2,588	52.0	13.4	11.3
Arkansas	1,354	1,502	1,575	1,629	1,650	273	618	432	328	52.9	14.1	.7
Louisiana	2,389	2,623	2,760	2,915	3,055	602	1,266	764	423	52.6	26.6	2.3
Oklahoma	1,818	1,990	2,081	2,199	2,299	409	903	600	387	52.2	6.0	1.5
Texas	7,719	8,789	9,350	10,117	10,793	2,039	4,607	2,697	1,450	51.6	11.1	17.7
Mt.	5,829	6,834	7,413	8,036	8,454	1,567	3,657	2,066	1,164	50.9	2.2	10.9
Montana	470	519	548	559	569	98	237	144	90	50.7	.2	1.0
Idaho	490	567	612	643	661	117	281	161	102	50.7	.3	3.2
Wyoming	226	267	296	332	354	65	186	83	39	48.9	.7	4.4
Colorado	1,604	1,838	1,974	2,114	2,225	421	1,024	517	263	50.9	3.2	9.8
New Mexico	669	783	841	896	936	190	393	236	127	51.5	1.7	33.1
Arizona	1,315	1,611	1,766	1,856	2,061	366	828	522	345	51.5	2.5	13.3
Utah	689	791	858	936	986	209	438	222	118	51.3	.7	3.6
Nevada	367	457	526	601	661	112	291	180	78	49.6	5.3	5.8
Pac.	18,637	20,758	22,070	23,435	24,389	4,311	10,473	6,143	3,463	51.2	5.8	12.7
Washington	2,330	2,601	2,792	3,030	3,154	547	1,368	775	465	50.9	2.4	2.3
Oregon	1,495	1,679	1,808	1,921	1,954	307	844	477	328	51.5	1.2	2.0
California	14,062	15,598	16,546	17,513	18,277	3,259	7,792	4,653	2,573	51.4	7.1	16.1
Alaska	203	257	269	274	287	60	156	58	13	46.3	3.4	2.1
Hawaii	547	624	657	696	716	138	312	181	85	48.8	1.9	6.0

<sup>1</sup> Based on enumerated population as of April 1. Data are consistent with final census reports, series PC80-1-B; see text, pp. 1 and 2. <sup>2</sup> Persons of Spanish origin may be of any race.

## NO. 438. VOTER REGISTRATION AND PERSONS VOTING, BY STATES: 1972 TO 1980

[For 1972 and 1976, total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum; or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For 1980, total persons voting are total votes cast for President. For total resident voting-age population, see table 437]

DIVISION AND STATE	PERSONS REGISTERED						PERSONS VOTING								
	Total (1,000)		Percent of voting- age population		Total (1,000)		Percent of registered		Percent of voting- age population						
	1972	1976	1972	1976	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	
U.S.	92,702	105,837	112,945	(x)	70.4	70.4	78,902	82,645	86,515	(x)	77.1	74.3	56.0	54.3	52.6
N.E.	6,615	6,584	7,020	80.1	75.6	76.7	5,293	5,452	5,467	80.0	82.8	77.9	64.1	62.6	59.8
Maine	616	696	760	89.0	91.7	93.8	2,421	2,486	523	68.3	69.8	68.8	60.8	64.0	64.6
N.H.	450	478	551	85.7	80.6	82.2	345	356	384	76.7	75.1	69.6	65.7	80.5	57.2
Vt.	273	284	312	88.6	84.3	84.5	194	194	213	71.1	68.3	68.4	63.0	57.6	57.8
Mass.	3,098	2,912	3,143	78.1	70.5	73.4	2,508	2,594	2,524	81.0	89.1	80.3	83.3	62.8	59.0
R.I.	532	545	547	78.0	79.1	77.1	3,416	3,411	4,16	78.2	75.4	76.0	61.0	69.7	58.6
Conn.	1,548	1,689	1,708	78.8	75.8	74.0	1,409	1,408	1,406	85.5	84.4	82.4	67.4	64.0	61.0
M.A.	18,752	17,719	17,385	72.3	66.5	64.0	14,945	14,326	13,739	79.7	80.9	79.0	57.6	53.8	50.6
N.Y.	9,207	8,199	7,870	72.4	63.6	60.8	7,323	6,668	6,202	79.5	81.3	78.8	57.6	51.7	47.9
N.J.	3,673	3,770	3,761	73.3	72.2	69.4	3,030	3,037	2,976	82.5	80.6	79.1	60.5	58.2	54.9
Pa.	5,872	5,750	5,754	71.5	67.4	65.5	4,592	4,621	4,562	78.2	80.4	79.3	56.0	54.2	51.9
E.N.C.	18,625	21,723	20,769	(x)	76.3	78.8	16,572	17,139	17,458	(x)	78.9	73.1	61.2	60.2	58.7
Ohio	4,626	4,693	5,887	64.7	62.9	76.2	4,220	4,195	4,284	91.2	89.4	72.8	59.0	56.2	55.4
Ind.	3,019	3,010	2,944	86.3	81.5	75.8	2,126	2,279	2,242	70.4	75.7	76.1	60.8	61.7	57.7
Ill.	6,215	6,252	6,212	82.0	78.8	75.5	4,882	4,839	4,750	78.6	77.4	76.5	64.5	61.0	57.8
Mich.	4,763	5,202	5,726	81.1	83.7	87.7	3,490	3,722	3,910	73.3	71.5	68.3	59.4	59.9	59.9
Wis.	(*)	2,566	(*)	(x)	81.1	(x)	1,853	2,104	2,273	(x)	82.0	(x)	62.5	66.5	67.2
W.N.C.	1,104	8,908	9,970	(x)	78.6	83.5	6,977	7,404	7,719	(x)	79.7	74.4	62.8	62.9	62.3
Minn.	(*)	2,566	2,787	(x)	94.1	95.2	1,774	1,979	2,052	(x)	77.5	73.6	69.9	72.6	70.1
Iowa	(*)	1,407	1,747	(x)	69.4	83.5	1,226	1,279	1,318	(x)	90.9	75.4	64.0	63.1	63.0
Mo.	(*)	2,553	2,841	(x)	74.9	79.4	1,866	1,954	2,100	(x)	76.5	73.9	57.6	57.3	58.7
N. Dak.	(*)	(*)	(*)	(x)	(x)	(x)	299	309	302	(x)	(x)	70.3	69.9	64.8	64.8
S. Dak.	392	426	448	88.5	90.8	92.3	5,308	5,308	5,308	301	328	78.6	70.7	73.2	69.5
Nebr.	712	841	856	69.7	77.8	75.9	592	624	641	83.1	74.2	74.9	58.0	57.7	56.8
Kans.	(*)	1,113	1,291	(x)	68.4	74.8	5,922	5,958	5,980	(x)	86.1	75.9	59.9	58.8	58.6
S.A.	14,508	15,790	17,285	66.3	64.2	63.4	9,942	11,414	12,589	68.5	72.3	72.8	45.4	46.4	46.2
Del.	293	301	301	77.3	73.1	69.6	2,236	2,236	2,36	80.5	78.4	78.5	62.3	57.3	54.6
Md.	1,816	1,950	2,065	66.7	66.8	67.0	3,154	3,140	1,540	74.6	73.8	74.6	49.8	49.3	50.0
D.C.	305	268	289	56.8	51.0	58.6	166	171	175	54.4	63.8	60.7	30.9	32.6	35.5
Va.	2,107	2,124	2,309	64.7	58.8	58.9	3,157	3,176	1,716	86.6	89.2	80.8	44.7	47.5	47.6
W. Va.	1,063	1,084	1,035	87.2	82.5	74.2	2,774	2,751	2,751	73.9	72.8	69.3	71.3	63.5	57.2
N.C.	2,358	2,554	2,775	66.5	65.4	65.1	3,151	3,179	3,179	85.6	84.4	65.7	66.9	42.8	43.0
S.C.	1,034	1,113	1,236	58.7	55.8	56.1	674	803	894	65.2	72.1	72.4	38.3	40.3	40.6
Ga.	2,043	2,302	2,467	64.6	65.9	63.8	1,179	1,467	1,597	57.7	63.7	64.7	37.4	42.0	41.3
Fla.	3,487	4,094	4,810	65.6	63.9	63.4	3,2583	3,151	3,687	74.1	77.0	76.7	48.6	49.2	48.6
E.S.C.	5,209	5,490	7,789	(x)	68.4	75.1	3,965	4,595	5,147	(x)	69.7	66.1	45.2	47.7	49.6
Ky.	1,455	1,713	1,803	65.5	70.4	69.6	1,057	1,167	1,295	73.3	68.1	71.8	48.0	47.9	50.0
Tenn.	1,990	1,912	2,359	72.0	63.0	71.2	1,201	1,476	1,618	60.4	77.2	68.6	43.5	48.7	48.8
Ala.	1,764	1,865	2,142	75.9	73.0	78.0	2,051	3,183	1,342	59.6	63.4	62.6	45.2	46.3	48.8
Miss.	(NA)	(*)	1,486	(x)	(x)	86.6	3,646	3,769	893	(x)	60.1	44.2	48.0	52.0	
W.S.C.	9,542	10,607	11,314	71.8	71.2	67.1	6,301	7,226	8,078	66.0	68.1	71.4	47.4	48.5	47.9
Ark.	1,010	1,021	1,189	74.6	68.0	73.0	3,651	3,768	838	64.5	75.2	70.5	48.1	51.1	51.4
La.	1,785	1,866	2,015	74.7	71.1	69.1	5,122	5,128	1,549	62.8	68.5	76.8	47.0	48.7	53.1
Okla.	1,247	1,401	1,469	68.6	70.4	66.8	1,057	1,108	1,150	84.8	79.1	78.2	58.1	55.7	52.3
Tex.	5,500	6,319	6,640	71.3	71.9	65.6	3,471	4,072	4,542	63.1	64.4	68.4	45.0	45.3	44.9
Mt.	4,223	4,982	5,585	(x)	72.9	69.5	3,452	3,881	4,346	(x)	77.9	77.8	59.2	56.8	54.1
Mont.	387	455	496	82.3	87.7	88.8	327	339	364	84.5	74.5	73.3	69.6	65.3	65.1
Idaho	397	520	581	81.0	91.7	90.4	3,310	355	437	78.1	68.3	75.3	63.3	62.6	68.0
Wyo.	(NA)	195	219	(x)	73.0	66.1	152	160	177	(x)	82.1	80.5	67.3	59.9	53.2
Colo.	1,220	1,349	1,434	76.1	73.4	67.8	954	1,082	1,184	78.2	80.2	82.6	59.5	58.9	56.0
N. Mex.	505	527	653	65.5	67.3	67.3	3,396	426	457	78.4	80.8	70.0	59.2	54.4	51.0
Ariz.	862	890	1,121	65.6	60.8	57.3	648	765	874	75.2	78.1	78.0	49.3	47.5	44.7
Utah	621	705	782	90.1	89.1	83.5	480	548	604	77.3	77.7	73.3	69.7	69.3	64.6
Nev.	231	251	298	62.9	54.9	49.6	185	206	248	80.1	82.1	83.1	50.4	45.1	41.2
Pac.	14,126	14,037	15,828	75.8	67.6	67.5	11,455	11,208	11,973	81.1	79.8	75.8	61.5	54.0	51.1
Wash.	1,975	2,065	2,237	84.8	79.4	73.8	1,520	1,585	1,742	77.0	76.8	77.9	65.2	60.9	57.5
Oreg.	1,198	1,420	1,569	80.1	84.6	81.7	953	1,049	1,162	79.5	73.9	75.3	62.7	62.5	61.5
Calif.	10,466	9,982	11,361	74.4	64.0	64.9	8,596	8,137	8,587	82.1	81.5	75.6	61.1	52.2	49.0
Alaska	149	207	259	73.4	94.4	99	128	158	156	61.4	61.8	61.2	48.9	49.8	57.8
Hawaii	338	363	403	61.8	58.2	57.9	287	309	303	84.9	85.1	75.3	52.5	49.5	43.6

NA Not available. X Not applicable. <sup>1</sup> Excludes States for which data were not available. <sup>2</sup> Total vote for largest race, Senator. <sup>3</sup> Total vote for largest race, President. <sup>4</sup> No required statewide registration; excluded from totals for persons registered.

<sup>5</sup> Total vote for largest race, Governor. <sup>6</sup> Estimated.

Source: National Republican Congressional Committee, Washington, D.C., unpublished data.

## No. 439. PERCENT OF VOTING-AGE POPULATION CASTING VOTES—STATES: 1972 TO 1982

(As of November. For total resident voting-age population, see table 437. For composition of regions, see fig. I, inside front cover)

REGION, DIVISION AND STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES			DIVISION AND STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS			PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES		
	1972	1976	1980	1978	1980	1982		1972	1976	1980	1978	1980	1982
	U.S.	55.2	53.5	52.6	34.9	47.4	38.1	So. Atl.—Con.	49.8	49.3	50.0	30.7	45.5	34.2
Region:							Maryland	30.4	32.2	35.5	18.6	30.6	23.2
Northeast	58.3	55.2	52.9	38.3	18.9	39.6	District of Col.	44.7	47.0	47.6	27.1	39.6	32.7
No. Central	60.8	60.0	59.7	41.0	56.3	44.8	Virginia	62.5	57.2	52.9	32.5	49.2	38.8
South	45.6	47.2	47.4	25.2	38.6	29.6	West Virginia	42.8	43.0	43.5	25.0	40.7	29.9
West	59.4	53.2	51.9	39.4	49.3	42.5	North Carolina	38.2	40.3	40.6	27.4	37.7	28.7
New Eng.	62.9	61.4	59.8	43.4	55.2	44.4	South Carolina	37.3	42.0	41.3	16.1	35.0	22.4
Maine	60.3	63.7	64.6	46.8	63.3	54.4	Georgia	48.6	49.2	48.6	23.6	40.8	27.1
New Hampshire	63.6	57.3	57.2	40.4	54.2	38.6	Florida	52.0	31.0	46.0	36.7		
Vermont	60.7	55.7	57.8	34.3	52.8	43.5	E. So. Cent.	44.7	47.8	49.6	26.9	40.1	33.0
Massachusetts	62.0	61.7	59.0	42.9	52.7	43.0	Kentucky	48.0	48.0	50.0	18.9	40.8	26.7
Rhode Island	61.0	59.7	58.6	43.6	54.5	45.9	Tennessee	43.5	48.7	48.8	33.4	34.8	
Connecticut	66.2	62.8	61.0	45.3	58.0	45.0	Alabama	43.3	46.3	48.8	24.1	36.8	34.2
Mid. Atl.	56.9	53.2	50.6	36.6	46.7	37.9	Mississippi	44.2	48.0	52.0	27.9		
New York	56.3	50.7	47.9	33.9	43.4	35.6	W. So. Cent.	46.7	48.4	47.9	24.3	34.6	28.0
New Jersey	59.8	57.7	54.9	36.3	50.6	38.7	Arkansas	48.1	51.1	51.4	18.6	12.4	46.0
Pennsylvania	56.0	54.2	51.9	40.8	49.2	40.9	Louisiana	44.0	48.7	53.1	27.9	25.0	16.9
E. No. Cent.	60.2	59.0	58.7	39.1	54.9	43.2	Oklahoma	56.7	54.9	52.3	28.3	38.0	37.2
Ohio	57.3	55.1	55.4	36.4	51.1	42.7	Texas	45.0	46.3	44.9	23.3	40.2	26.4
Indiana	60.8	60.1	57.7	38.0	56.4	46.0	Mt.	58.3	55.8	54.1	38.5	51.9	42.3
Illinois	62.3	59.4	57.8	37.4	54.4	43.3	Montana	67.6	63.3	65.1	51.6	60.6	55.7
Michigan	59.4	58.8	59.9	42.3	55.0	42.8	Idaho	63.3	60.7	68.0	46.6	64.5	48.6
Wisconsin	62.5	66.5	67.2	44.4	63.1	41.9	Wyoming	64.4	58.6	53.2	43.6	51.2	44.9
W. No. Cent.	62.2	62.4	62.3	45.6	59.6	48.4	Colorado	59.5	58.8	56.0	39.8	54.4	42.5
Minnesota	68.6	71.5	70.1	54.1	65.1	58.6	New Mexico	57.7	53.4	51.0	33.9	45.6	42.2
Iowa	64.0	63.1	63.0	39.1	60.1	48.0	Arizona	47.4	46.1	44.7	29.4	43.7	34.5
Missouri	57.3	57.3	58.7	44.2	57.3	42.0	Utah	69.4	68.4	64.6	44.2	63.2	49.7
North Dakota	68.3	67.2	64.8	48.4	63.0	55.0	Nevada	49.5	44.2	41.2	36.7	40.8	35.4
South Dakota	69.4	64.1	67.6	53.3	66.0	57.3	Pac.	59.7	52.4	51.1	39.7	48.4	42.6
Nebraska	56.4	56.2	56.8	44.7	55.4	45.4	Washington	63.1	59.9	57.5	35.1	59.7	41.4
Kansas	59.5	58.8	56.8	40.2	54.1	43.0	Oregon	62.1	61.3	61.5	48.3	57.6	51.9
So. Atl.	45.3	46.3	46.2	25.1	40.5	29.3	California	59.5	50.4	49.0	39.4	46.7	41.5
Delaware	62.1	57.2	54.6	37.1	50.2	42.4	Alaska	46.9	48.1	57.8	46.1	56.6	63.1
Hawaii							Hawaii	49.4	46.7	43.6	38.5	40.4	41.6

<sup>1</sup> State law does not require tabulation of votes for unopposed candidates.Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

## No. 440. VOTING-AGE POPULATION, AND PERCENT REPORTING REGISTERED AND VOTED:

1974 TO 1982

[See headnote, table 441]

CHARACTERISTIC	VOTING-AGE POPULATION (mil.)					PERCENT REPORTING THEY REGISTERED					PERCENT REPORTING THEY VOTED				
	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982	1974	1976	1978	1980	1982
Total	141.3	146.5	151.6	157.1	165.5	62.2	66.7	62.6	66.9	64.1	44.7	59.2	45.9	59.2	48.5
White	125.1	129.3	133.4	137.7	143.6	63.5	68.3	63.8	68.4	65.6	46.3	60.9	47.3	60.9	49.9
Black	14.2	14.9	15.6	16.4	17.6	54.9	58.5	57.5	60.0	59.1	33.8	48.7	37.2	50.5	43.0
Spanish origin <sup>1</sup>	6.1	6.6	6.8	8.2	8.8	34.9	37.8	32.9	36.3	35.3	22.9	31.8	23.5	29.9	25.3
Male	66.4	69.0	71.5	74.1	78.0	62.8	67.1	62.6	66.8	63.7	48.2	59.6	48.6	59.1	48.7
Female	74.9	77.6	80.2	83.0	87.4	61.7	66.4	62.5	67.1	64.4	43.4	58.8	45.3	59.4	48.4
North and West <sup>2</sup>	96.5	99.4	102.9	106.5	110.1	63.3	67.7	63.8	67.9	65.2	48.8	61.2	48.9	61.0	51.9
South <sup>2</sup>	44.8	47.1	48.8	50.6	55.4	59.8	64.6	60.1	64.8	61.7	36.0	54.9	39.6	55.6	41.8
Metropolitan <sup>3</sup>	101.3	99.6	103.1	106.7	113.1	61.2	65.7	61.3	65.8	62.6	44.7	59.2	46.0	58.8	48.3
In central cities	43.9	43.1	43.7	44.0	46.8	59.5	63.3	59.2	63.5	60.4	42.6	56.6	44.2	56.3	47.2
Outside central cities	57.4	56.5	59.4	62.6	66.2	62.6	67.8	62.8	67.3	64.1	46.3	61.2	47.4	60.6	49.1
Nonmetropolitan	40.0	47.0	48.6	50.5	52.4	64.7	68.8	65.3	69.2	67.2	44.7	59.1	45.6	60.2	49.1
18-20 yr.	11.6	12.1	12.2	12.3	12.1	36.4	47.1	34.7	44.7	35.0	20.8	38.0	20.1	35.7	19.8
21-24 yr.	14.1	14.8	15.5	15.9	16.7	45.3	54.8	45.1	52.7	47.8	26.4	45.6	26.2	43.1	26.4
25-44 yr.	51.7	54.3	57.5	61.3	66.9	59.9	65.5	60.2	65.6	61.5	42.2	58.7	43.1	58.7	45.4
45-64 yr.	43.0	43.3	43.4	43.6	44.2	73.6	75.5	74.3	75.8	75.6	56.9	68.7	58.5	69.3	62.2
65 yr. and over	21.0	22.0	23.0	24.1	25.6	70.2	71.4	72.8	74.6	75.2	51.4	62.2	55.9	65.1	59.8
Employed	83.1	86.0	93.2	95.0	97.2	63.8	68.8	63.0	68.7	65.5	46.8	62.0	46.7	61.8	50.0
Unemployed	5.0	6.4	4.9	6.9	10.8	44.4	52.1	44.1	50.3	49.8	28.8	43.7	27.4	41.2	34.1
Not in labor force	53.2	54.1	53.5	55.2	57.5	61.3	65.2	63.4	65.8	64.3	43.0	56.5	46.2	57.0	48.7

<sup>1</sup> Persons of Spanish origin may be of any race.  
as defined in 1970 census publications.<sup>2</sup> See fig. I, inside front cover.<sup>3</sup> Standard metropolitan statistical areasSource: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370 and earlier reports; and press release (CB 83-63).

**NO. 441. PARTICIPATION IN NATIONAL ELECTIONS, 1964 TO 1982, AND BY POPULATION CHARACTERISTICS, 1982**

[As of November. Covers civilian noninstitutional population 18 years old and over, except 1964-1970, 21 years old and over (see also footnote 1, table 436). Includes aliens. Figures are based on Current Population Survey (see text, p. 2, and Appendix III) and differ from those in tables 436 and 439 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

YEAR AND CHARACTERISTIC	Persons of voting age (mil.)	PERSONS REPORTING THEY REGISTERED		PERSONS REPORTING THEY VOTED		PERSONS REPORTING THEY DID NOT VOTE				Percent of voting age population not a citizen
		Total (mil.)	Percent	Total (mil.)	Percent	Total (mil.)	Registered (mil.)	Not registered <sup>1</sup>		
		Number (mil.)	Percent							
1964 .....	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)
1966 .....	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	2.0
1968 .....	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	2.3
1970 .....	120.7	82.2	68.1	65.9	54.6	54.8	16.3	38.5	31.9	2.5
1972 .....	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	2.6
1974 .....	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	2.8
1976 .....	146.5	97.8	65.7	86.7	59.2	59.9	11.1	48.8	33.3	3.0
1978 .....	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	3.5
1980 .....	157.1	105.0	66.9	93.1	59.2	64.0	12.0	52.1	33.1	4.0
1982, total <sup>2</sup> .....	165.5	106.0	64.1	80.3	48.5	85.2	25.7	59.5	35.9	4.3
Male .....	78.0	49.7	63.7	38.0	48.7	40.0	11.7	28.3	36.3	4.2
Female .....	87.4	56.3	64.4	42.3	48.4	45.2	14.0	31.2	35.6	4.3
White .....	143.6	94.2	65.6	71.7	49.9	71.9	22.5	49.4	34.4	3.4
Black .....	17.6	10.4	59.1	7.6	43.0	10.0	2.8	7.2	40.9	3.2
Spanish origin <sup>3</sup> .....	8.8	3.1	35.3	2.2	25.3	6.5	.9	5.7	64.7	31.8
18-20 yr. old .....	12.1	4.2	35.0	2.4	19.8	9.7	1.8	7.9	65.0	5.2
21-24 yr. old .....	16.7	8.0	47.8	4.7	28.4	12.0	3.3	8.7	52.2	4.7
25-34 yr. old .....	38.8	22.1	57.1	15.7	40.4	23.1	6.5	16.6	42.9	5.6
35-44 yr. old .....	28.1	19.0	67.5	14.7	52.2	13.5	4.3	9.1	32.5	5.3
45-64 yr. old .....	44.2	33.4	75.8	27.5	62.2	16.7	5.8	10.8	24.4	3.1
65 yr. and over .....	25.6	19.2	75.2	15.3	59.9	10.3	3.9	6.4	24.8	2.3
Median age <sup>4</sup> (yr.) .....	40.4	44.8	(X)	47.0	(X)	34.1	36.0	33.1	(X)	(X)
North and West <sup>5</sup> .....	110.1	71.8	65.2	57.2	51.9	53.0	14.7	38.3	34.8	4.9
South <sup>5</sup> .....	55.4	34.2	61.7	23.1	41.8	32.2	11.0	21.2	38.3	3.0
Metropolitan <sup>6</sup> .....	113.1	70.8	62.6	54.6	48.3	58.5	16.2	42.3	37.4	5.6
In central cities .....	45.8	28.3	60.4	22.1	47.2	24.7	6.2	18.5	39.6	7.1
Outside central cities .....	66.2	42.4	64.1	32.5	49.1	33.7	10.0	23.8	35.9	4.5
Nonmetropolitan .....	52.4	35.2	67.2	25.7	49.1	26.7	9.5	17.2	32.8	1.5
School years completed:										
8 yr. or less .....	22.4	11.7	52.3	8.0	35.7	14.4	3.7	10.7	47.7	10.6
High school:										
1-3 yrs. ....	22.3	11.9	53.3	8.4	37.7	13.9	3.5	10.4	46.7	3.5
4 yrs. ....	65.2	41.0	62.9	30.7	47.1	34.5	10.3	24.2	37.1	3.0
College:										
1-3 yrs. ....	28.8	20.1	70.0	15.3	53.3	13.4	4.8	8.6	30.0	3.0
4 yrs. or more .....	26.9	21.3	79.4	17.9	66.5	9.0	3.5	5.5	20.6	4.1
Civilian labor force <sup>2</sup> .....	108.0	69.0	63.9	52.3	48.4	55.7	16.8	39.0	36.1	4.1
Employed .....	97.2	63.7	65.5	46.6	50.0	48.6	15.1	33.6	34.5	3.9
Agriculture .....	3.3	2.1	63.5	1.6	48.1	1.7	.5	1.2	36.6	8.4
Nonagriculture industries .....	94.0	61.6	65.6	47.0	50.1	46.9	14.6	32.4	34.4	3.8
Private wage and salary workers .....	70.9	43.8	61.7	32.4	45.7	38.5	11.4	27.1	38.3	4.4
Government workers .....	15.5	12.4	79.8	10.3	66.5	5.2	2.1	3.1	20.2	1.5
Self-employed <sup>7</sup> .....	7.6	5.4	72.1	4.3	57.0	3.3	1.1	2.1	27.9	3.3
Unemployed .....	10.8	5.4	49.8	3.7	34.1	7.1	1.7	5.4	50.2	5.6
White-collar workers <sup>2</sup> .....	53.4	38.8	72.7	30.9	57.8	22.5	7.9	14.6	27.3	2.7
Professional, technical .....	17.3	13.4	77.3	11.1	63.9	6.3	2.3	3.9	22.7	3.0
Managers and administrators <sup>8</sup> .....	11.7	8.8	74.8	7.0	59.5	4.8	1.8	3.0	25.2	2.3
Clerical and kindred workers .....	18.0	12.2	67.8	9.4	52.2	8.6	2.8	5.8	32.2	2.7
Blue-collar workers <sup>2</sup> .....	28.2	15.7	55.8	11.0	39.1	17.2	4.7	12.5	44.2	5.1
Craft and kindred workers .....	12.0	7.3	60.3	5.3	43.7	6.8	2.0	4.8	39.7	3.4
Operatives, except transport .....	8.9	4.6	52.1	3.1	35.5	5.7	1.5	4.3	47.9	8.5
Service workers .....	13.0	7.4	56.9	5.3	41.1	7.7	2.0	5.6	43.1	5.7
Farm workers .....	2.6	1.7	66.7	1.3	51.3	1.3	.4	.9	33.3	8.4
Not in labor force .....	57.5	37.0	64.3	28.0	48.7	29.5	8.9	20.5	35.7	4.5
Owner occupied <sup>9</sup> .....	44.5	34.4	77.2	27.7	62.2	16.8	6.7	10.2	22.8	2.1
Renter occupied <sup>9</sup> .....	16.0	7.6	47.4	5.1	31.9	10.9	2.5	8.4	52.6	8.4

NA Not available. X Not applicable. <sup>1</sup> Includes do not know and not reported. <sup>2</sup> Includes characteristics not shown separately. <sup>3</sup> Persons of Spanish origin may be of any race. <sup>4</sup> For definition of median, see Guide to Tabular Presentation.

<sup>5</sup> See fig. I, inside front cover. <sup>6</sup> Standard metropolitan statistical areas as defined in 1970 census publications. <sup>7</sup> Includes unpaid family workers. <sup>8</sup> Excludes persons on farms. <sup>9</sup> Covers family households only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370 and earlier reports and press release (CB 83-63).

**NO. 442. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY AND GENERAL ELECTION RECEIPTS AND EXPENDITURES, BY POLITICAL PARTY: 1975-1976**

[In millions of dollars. Covers Jan. 1, 1975-Dec. 31, 1976. Based on disclosure documents submitted by candidates, their principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democratic	Republi-can	Other <sup>1</sup>	Total	Democratic	Republi-can	Total	Democratic	Republi-can	Other <sup>1</sup>
Receipts, total.....	114.0	61.7	50.2	2.0	67.9	39.6	28.3	46.1	22.1	22.0	2.0
Private funds <sup>2</sup> .....	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds <sup>3</sup> .....	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
Expenditures, total.....	112.8	62.9	48.0	2.0	66.9	40.7	26.2	45.9	22.2	21.8	2.0

<sup>1</sup> Represents zero. <sup>2</sup> Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. <sup>3</sup> Covers contributions, outstanding loans, interest, and miscellaneous income.

<sup>3</sup> Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure, No. 7: 1976 *Presidential Campaign Receipts and Expenditures*, 1977.

**NO. 443. PRESIDENTIAL CAMPAIGN FINANCES—PRIMARY CAMPAIGN RECEIPTS AND DISBURSEMENTS AND FEDERAL FUNDS FOR GENERAL ELECTION: 1979-1980**

[In millions of dollars. Covers Jan. 1, 1979-Dec. 31, 1980. See headnote, table 442]

RECEIPTS AND DISBURSEMENTS	PRIMARY CAMPAIGN <sup>1</sup>				CANDIDATE	General election—net Federal funds distributed		
	Total		Democratic	Repub-lican				
	Amount	Per cent						
Receipts, total <sup>2</sup> .....	94.2	100.0	35.6	58.5	Total.....	62.8		
Individual contributions .....	61.0	64.8	23.9	37.1	Anderson <sup>3</sup> .....	4.2		
Federal matching funds.....	30.9	32.8	10.3	20.5	Carter .....	29.4		
Disbursements .....	92.3	100.0	35.6	56.7	Reagan.....	29.2		

<sup>1</sup> Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy and Lyndon LaRouche; Republicans: John Anderson, Howard Baker, George Bush, Phillip Crane, Robert Dole, and Ronald Reagan).

<sup>2</sup> Includes other types of receipts, not shown separately. <sup>3</sup> John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were 17.1 million dollars and total expenditures were 15.0 million dollars.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity 1979-1980, Final Report, Presidential Pre-Nomination Campaigns*, October 1981, and November 1981 press release on public financing 1980 Presidential election.

**NO. 444. INDEPENDENT EXPENDITURES FOR PRESIDENTIAL AND CONGRESSIONAL CAMPAIGNS: 1979-1980 and 1981-1982**

[In thousands of dollars. Covers campaign finance activity during 2 year calendar period indicated. An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited as are contributions]

TYPE OF OFFICE	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
1979-1980, total .....	16,084	13,893	2,191	441	2,057	13,180	122	272	11
President.....	13,745	12,933	813	123	737	12,538	65	272	11
Congress.....	2,339	960	1,378	318	1,320	642	57	(2)	-
Senate.....	1,654	359	1,295	127	1,282	232	12	-	-
House of Representatives.....	685	601	83	191	38	410	45	(2)	-
1981-1982, total Congress .....	5,557	1,140	4,417	357	3,953	783	465	-	-
Senate.....	3,934	418	3,516	129	3,118	289	399	-	-
House of Representatives.....	1,623	722	901	228	835	494	66	-	-

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$500.

Source: U.S. Federal Election Commission, *1979-80 FEC Index of Independent Expenditures*, 1981; *FEC Reports On Financial Activity, 1979-1980 Final Report on U.S. Senate and House Campaigns*, 1982; and *FEC Reports on Financial Activity, 1981-1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.

**NO. 445. CONGRESSIONAL CAMPAIGN FINANCES—RECEIPTS AND DISBURSEMENTS: 1977 TO 1982**

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1977-1978, relates to 1,656 House of Representatives candidates and to 254 Senate candidates; for 1979-1980 to 1,944 House of Representatives candidates and to 344 Senate candidates and for 1981-1982 to 1,956 House of Representatives candidates and to 283 Senate candidates. Except for 1981-1982 data, receipts and disbursements have been adjusted to eliminate transfers between all committees within a campaign.]

ITEM	HOUSE						SENATE					
	Amount (mil. dol.)			Percent distribution			Amount (mil. dol.)			Percent distribution		
	1977-1978	1979-1980	1981-1982	1977-1978	1979-1980	1981-1982	1977-1978	1979-1980	1981-1982	1977-1978	1979-1980	1981-1982
Total receipts <sup>1</sup> .....	113.9	144.0	214.0	100.0	100.0	100.0	85.5	104.8	142.6	100.0	100.0	100.0
Contributions:												
\$101-\$499.....	11.1	(NA)	(NA)	9.7	(NA)	(NA)	8.5	(NA)	(NA)	9.9	(NA)	(NA)
\$500 and over.....	14.6	21.9	(NA)	12.8	15.2	(NA)	18.3	25.6	(NA)	21.4	24.4	(NA)
Party committee.....	5.0	4.8	6.0	4.4	3.3	2.8	1.2	1.2	1.2	1.4	1.1	.8
Non-party committee.....	24.4	37.9	60.8	21.4	26.3	28.4	9.7	17.3	22.4	11.3	16.5	15.7
Democrats.....	63.7	71.9	109.1	55.9	49.9	51.0	42.6	54.6	69.2	49.8	52.1	48.5
Republicans.....	49.4	70.9	104.6	43.4	49.2	48.9	42.4	49.7	73.0	49.6	47.4	51.2
Others.....	.8	1.2	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents.....	46.6	72.5	111.9	40.9	50.3	52.3	30.0	38.5	56.1	35.1	36.7	39.3
Challengers.....	32.1	44.4	53.5	28.2	30.8	25.0	30.1	47.8	48.2	35.2	45.6	33.8
Open seats <sup>2</sup> .....	35.2	27.1	48.6	30.9	18.8	22.7	25.4	18.5	38.3	29.7	17.7	26.9
Total disbursements .....	109.6	136.0	204.5	100.0	100.0	100.0	85.2	102.9	139.3	100.0	100.0	100.0
Democrats.....	61.3	67.8	103.2	55.9	48.9	50.5	42.1	53.6	67.1	49.4	52.1	48.2
Republicans.....	47.5	67.1	101.0	43.3	49.3	49.4	42.6	48.9	71.8	50.0	47.5	51.5
Others.....	.8	1.1	.3	.7	.8	.1	.5	.4	.4	.6	.4	.3
Incumbents.....	43.1	65.7	103.7	39.3	48.3	50.7	30.2	37.8	53.9	35.4	36.7	38.7
Challengers.....	31.8	43.8	52.9	29.0	32.2	25.9	30.1	47.2	47.7	35.3	45.9	34.2
Open seats <sup>2</sup> .....	34.7	26.5	47.9	31.7	19.5	23.4	24.9	17.9	37.7	29.2	17.4	27.1

NA Not available. <sup>1</sup> Includes other types of receipts, not shown separately.

<sup>2</sup> Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977-1978, Interim Report No. 5, U.S. Senate and House Campaigns*, June 1979; *FEC Reports on Financial Activity, 1979-1980, Final Report, U.S. Senate and House Campaigns*, March 1982; and *FEC Reports on Financial Activity, 1981-1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.

**NO. 446. CONTRIBUTIONS TO CONGRESSIONAL CAMPAIGNS BY POLITICAL ACTION COMMITTEES (PAC)  
BY TYPE OF COMMITTEE: 1977 TO 1982**

[In millions of dollars. Covers amounts given to candidates in primary, general, run-off, and special elections during the two-year calendar period indicated]

TYPE	HOUSE OF REPRESENTATIVES						SENATE					
	Total	Democrats	Republi-cans	Incum-bents	Chal-lengers	Open seats <sup>1</sup>	Total	Democrats	Republi-cans	Incum-bents	Chal-lengers	Open seats <sup>1</sup>
1977-1978, total <sup>2</sup> .....	24.4	14.4	10.0	14.7	4.6	5.1	9.7	4.5	5.2	4.5	3.0	2.2
Corporate.....	6.0	2.6	3.4	3.8	1.1	1.1	3.5	.9	2.6	1.8	.9	.8
Trade association <sup>3</sup> .....	8.6	3.9	4.7	5.2	1.5	1.9	2.6	.9	1.7	1.3	.7	.6
Labor.....	7.2	7.0	.2	4.6	1.2	1.4	2.7	2.4	.3	1.2	.9	.6
Non-connected <sup>4</sup> .....	1.8	.4	1.4	.5	.8	.5	.7	.2	.5	.2	.3	.2
1979-1980, total <sup>2</sup> .....	37.9	20.5	17.2	24.9	7.9	5.1	17.3	8.3	9.0	8.6	6.6	2.1
Corporate.....	12.2	4.7	7.5	8.1	2.6	1.5	6.9	2.1	4.8	2.7	3.3	.9
Trade association <sup>3</sup> .....	11.7	5.1	6.6	8.0	2.2	1.5	4.1	1.9	2.2	2.2	1.4	.5
Labor.....	9.4	8.9	.4	6.6	1.6	1.2	3.8	3.4	.4	2.7	.7	.4
Non-connected <sup>4</sup> .....	3.1	.9	2.1	1.0	1.4	.7	1.9	.5	1.4	.5	1.1	.3
1981-1982, total <sup>2</sup> .....	60.7	34.0	26.7	40.6	10.8	9.3	22.3	11.0	11.3	14.2	5.2	2.9
Corporate.....	18.8	6.9	11.9	14.3	2.0	2.5	8.5	2.4	6.1	5.5	1.7	1.3
Trade association <sup>3</sup> .....	16.7	7.1	9.6	12.4	2.0	2.3	5.0	2.2	2.8	3.7	.8	.5
Labor.....	15.3	14.6	.7	8.5	4.2	2.6	4.8	4.5	.3	3.0	1.3	.5
Non-connected <sup>4</sup> .....	7.4	3.9	3.5	3.4	2.4	1.6	3.3	1.6	1.7	1.5	1.3	.5

<sup>1</sup> Elections in which an incumbent did not seek re-election. <sup>2</sup> Includes other types of political action committees not shown separately.

<sup>3</sup> Includes membership organizations and health organizations. <sup>4</sup> Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977-1978, Interim Report No. 5, U.S. Senate and House Campaigns*, June 1979; *FEC Reports on Financial Activity, 1979-1980, Final Report, U.S. Senate and House Campaigns*, March 1982 and *FEC Reports on Financial Activity, 1981-1982, Interim Report No. 3, U.S. Senate and House Campaigns*, May 1983.



## Section 10

# State and Local Government Finances and Employment

This section presents data on revenues, expenditures, debt, gross assessed value of property, and government employment within State and local governments. Nationwide statistics relating to State and local governments, their numbers, finances, and employment, are compiled primarily by the Bureau of the Census through a program of censuses and surveys. Every fifth year (for years ending in "2" and "7") the Bureau conducts a Census of Governments involving collection of data for all governmental units in the United States. In addition, the Bureau conducts annual surveys which cover all the State governments and a sample of local governments.

Publications issued annually by the Bureau of the Census include a report on governmental finances which presents figures for the Federal government, nationwide totals for State and local governments, by type, and State-local data by States. Also issued annually are a series of publications on State, city, county, and school finances, and on city, county, and other public employment. Financial data are published in the GF publication series; employment data in the GE series. There are also a series of quarterly reports covering tax revenue, and finances of major public employee retirement systems, as well as a series (GSS) of special studies. *Recurrent Publications on Governments* describes the publication program.

Basic information for Census Bureau statistics on governments is obtained mainly by mail canvass from State and local officials; however, financial data for each of the State governments and for many of the large local governments are compiled from their official records and reports by Census Bureau personnel. Financial data on the Federal Government are obtained by the Bureau from the Office of Management and Budget and are published in the *Budget* (see page 311).

**Governmental units.**—The governmental structure of the United States includes, in addition to the Federal Government and the States, thousands of local governments—counties, municipalities, townships, school districts, and numerous kinds of "special districts." As shown by table 447, almost 82,300 local governments were identified by the 1982 Census of Governments. As defined by the census, governmental units include all agencies or bodies having an organized existence, governmental character, and substantial autonomy. While most of these governments can impose taxes, many of the special districts—such as independent public housing authorities, the New York Port Authority, and numerous local irrigation, power, and other types of districts—are financed from rentals, charges for services, benefit assessments, grants from other governments, toll charges, and other nontax sources. The count of governments excludes semi-autonomous agencies through which States, cities, and counties sometimes provide for certain functions—for example, "dependent" school systems, State institutions of higher education, and certain other "authorities" and special agencies which are under the administrative or fiscal control of an established governmental unit.

**Finances.**—Unless otherwise stated, financial data relate to fiscal years. Most States end their fiscal year June 30; however Alabama and Michigan end their fiscal years Sept. 30, New York, March 31, and Texas, Aug. 31. Washington, D.C. also ends its fiscal year Sept. 30. This was also the practice of the Federal Government until 1976 when its fiscal year, by an act of Congress, was revised to extend from Oct. 1 to Sept. 30. A three-month quarter (July 1 to Sept. 30, 1976) bridged the transition. Beginning 1963, local government figures are for fiscal years which close at various dates during the 12 months ended June 30 of the year specified; figures for 1962 and earlier years are for fiscal years ended during the calendar year.

Nationwide government finance statistics have been classified and presented in terms of uniform concepts and categories, rather than according to the highly diverse terminology, organization, and fund structure utilized by individual governments. Accordingly, financial statistics which appear here for the Federal Government and for individual States or local governments have been standardized and may not agree directly with figures appearing in the original sources.

Statistics on governmental finances distinguish among general government, utilities, liquor stores, and insurance trusts. *General government* comprises all activities except utilities, liquor stores, and insurance trusts. Utilities include government water supply, electric light and power, gas supply, and

transit systems. Liquor stores are operated by 17 States and by local governments in four States. Insurance trusts relate to employee retirement, unemployment compensation, and other social insurance systems administered by State and local governments.

Data for cities relate only to municipal corporations and their dependent agencies, and do not include amounts for other local governments overlying city areas. Therefore, expenditure figures for "education" do not include spending by the separate school districts which administer public schools within most municipal areas. Variations in the assignment of governmental responsibility for public assistance, health, hospitals, public housing, and other functions to a lesser degree also have an important effect upon reported amounts of city expenditure, revenue, and debt. Therefore, any intercity comparisons based upon these figures should be made with caution, and with due recognition of variations that exist among urban areas in the relative role of the municipal corporation.

**Employment and payrolls.**—These data are based mainly on mail canvassing of State and local governments. Payroll includes all salaries, wages, and individual fee payments for the month specified, and employment relates to all persons on governmental payrolls during a pay period of the month covered—including paid officials, temporary help, and (unless otherwise specified) part-time as well as full-time personnel. Figures shown for individual governments cover major dependent agencies such as institutions of higher education, as well as the basic central departments and agencies of the government.

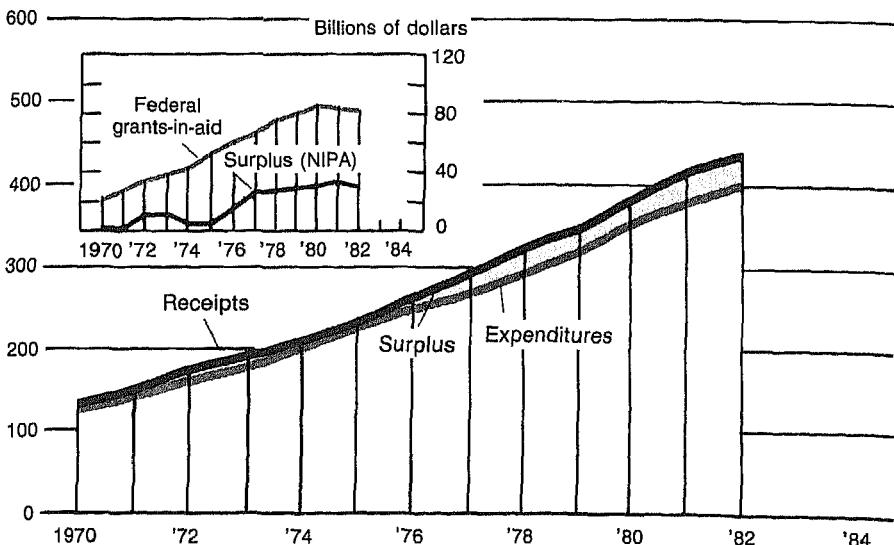
**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 10.1

### State and Local Government Finances: 1970 to 1982

Billions of dollars

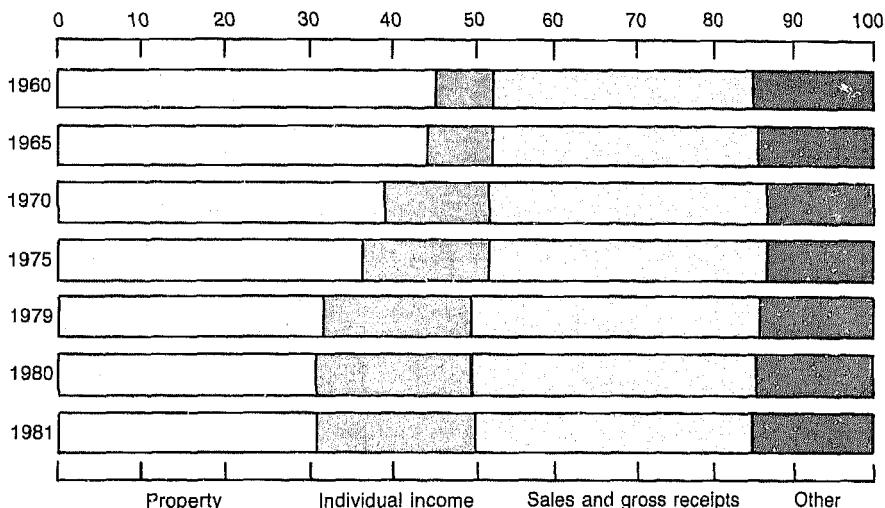


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 460.

Figure 10.2

**State and Local Government Taxes — Percent Distribution,  
by Type: 1960 to 1981**

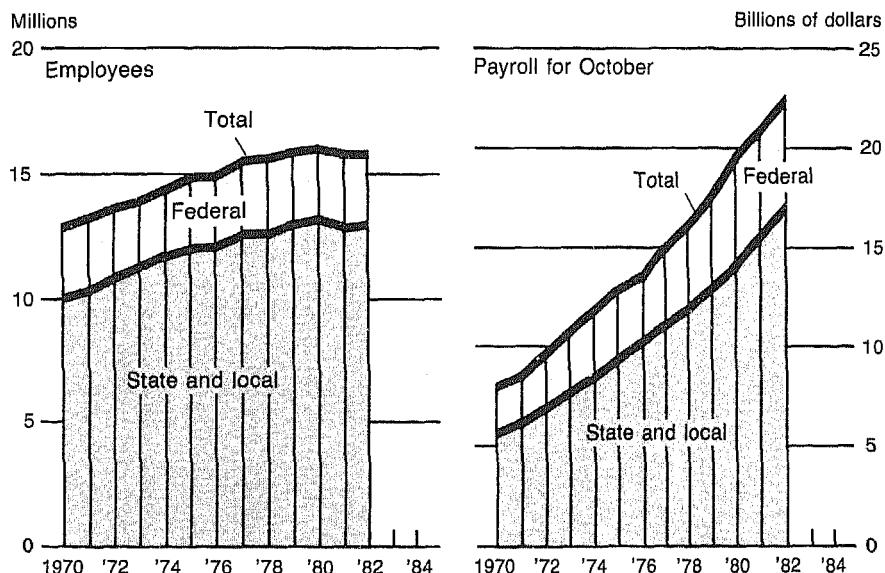
Percent distribution



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 453 and 459.

Figure 10.3

**Governmental Employment and Payroll: 1970 to 1982**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 487.

## No. 447. NUMBER OF GOVERNMENTAL UNITS, BY TYPE OF GOVERNMENT: 1942 TO 1982

[See text, p. 269]

TYPE OF GOVERNMENT	1942	1952	1957	1962	1967	1972	1977	1982
Total.....	155,116	116,743	102,328	91,237	81,299	78,269	79,913	82,341
U.S. Government.....	1	1	1	1	1	1	1	1
States.....	48	48	48	50	50	50	50	50
Local governments.....	155,067	116,694	102,279	91,186	81,248	78,218	79,862	82,290
County.....	3,050	3,049	3,047	3,043	3,049	3,044	3,042	3,041
Municipal.....	16,220	16,778	17,183	18,000	18,048	18,517	18,862	19,076
Township and town.....	18,919	17,202	17,198	17,142	17,105	16,991	16,822	16,734
School district.....	108,579	67,346	50,446	34,678	21,782	15,781	15,174	14,851
Special district.....	8,299	12,319	14,405	18,323	21,264	23,985	25,962	28,588

Source: U.S. Bureau of the Census, *Census of Governments: 1967, 1972, 1977, and 1982*, vol. 1, No. 1, *Governmental Organization*.

## NO. 448. ALL GOVERNMENTS—REVENUE, EXPENDITURE, AND DEBT: 1950 TO 1981

[Prior to 1960, excludes Alaska and Hawaii. Excludes intergovernmental revenue and expenditure. Local government amounts are estimates subject to sampling variation; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 655-848.]

ITEM AND YEAR	All governments (bil. dol.)	FEDERAL <sup>1</sup>			STATE AND LOCAL (bil. dol.)			ANNUAL PERCENT CHANGE <sup>2</sup>			PER CAPITA <sup>3</sup> (dollars)		
		Total (bil. dol.)	Percent of total	Total	State	Local	Federal	State	Local	Total	Fed- eral	State and local	
Revenue from own sources:													
1950.....	67	44	65.3	23	11	12	-3.3	6.7	9.9	440	287	153	
1955.....	106	72	67.6	34	17	18	12.9	7.8	8.8	644	435	209	
1960.....	153	100	65.2	53	26	27	6.8	9.4	8.8	851	554	296	
1965.....	203	126	62.1	77	39	38	4.8	8.1	7.0	1,045	649	396	
1970.....	334	206	61.6	128	69	60	3.0	12.3	9.3	1,642	1,011	631	
1972.....	383	223	59.3	159	94	75	4.5	10.8	12.3	1,929	1,073	766	
1973.....	432	254	58.8	178	97	81	12.7	15.1	8.2	2,059	1,211	850	
1974.....	404	288	59.5	196	108	88	13.6	10.9	8.8	2,289	1,367	927	
1975.....	519	302	58.2	217	119	98	5.0	10.7	10.6	2,436	1,418	1,018	
1976.....	571	324	56.6	248	139	109	7.0	16.7	11.1	2,661	1,507	1,154	
1977.....	658	383	58.1	275	156	120	18.1	12.0	10.2	3,039	1,768	1,272	
1978.....	732	430	58.7	302	172	130	12.3	10.1	9.1	3,356	1,971	1,385	
1979.....	829	500	60.3	330	190	140	16.3	10.7	7.2	3,768	2,270	1,498	
1980.....	932	564	60.5	369	213	156	12.8	12.0	11.5	4,116	2,489	1,627	
1981.....	1,075	659	61.3	416	240	176	16.9	12.9	13.2	4,747	2,909	1,838	
Direct expenditure:													
1950.....	70	42	60.3	28	11	17	11.1	17.3	12.9	464	280	184	
1955.....	111	70	63.5	40	14	26	10.8	5.8	8.8	670	426	244	
1960.....	151	90	59.7	61	22	39	5.2	9.0	8.4	841	502	339	
1965.....	206	119	57.9	87	31	55	5.7	7.3	7.3	1,061	614	447	
1970.....	333	185	55.5	148	56	92	4.5	12.3	10.7	1,638	910	728	
1972.....	399	209	52.3	190	72	118	6.2	13.6	13.3	1,917	1,002	915	
1973.....	437	231	53.0	205	78	127	9.4	7.6	8.0	2,081	1,103	978	
1974.....	478	253	52.8	226	85	139	9.2	10.5	9.5	2,263	1,195	1,069	
1975.....	560	292	52.1	268	107	161	15.5	24.0	15.7	2,628	1,370	1,259	
1976.....	625	322	51.5	303	123	180	10.3	15.1	11.6	2,912	1,500	1,417	
1977.....	682	359	52.8	323	129	194	11.5	4.6	8.0	3,154	1,661	1,494	
1978.....	745	400	53.7	345	137	209	11.5	6.0	7.4	3,418	1,826	1,504	
1979.....	832	452	54.3	380	149	232	13.0	8.9	11.0	3,782	2,054	1,728	
1980.....	959	528	54.8	432	173	259	16.4	16.6	11.8	4,232	2,324	1,909	
1981.....	1,110	625	56.3	485	198	287	18.7	14.4	10.7	4,899	2,757	2,142	
Debt outstanding: <sup>4</sup>													
1950.....	281	257	91.4	24	5	19	.6	19.6	12.1	1,856	1,697	159	
1955.....	319	274	86.1	44	11	33	1.3	16.3	11.9	1,928	1,660	268	
1960.....	356	286	80.4	70	19	51	.9	10.6	9.2	1,978	1,591	389	
1965.....	417	317	76.1	100	27	72	2.1	7.8	7.1	2,150	1,637	513	
1970.....	514	371	72.1	144	42	102	4.8	9.2	7.0	2,531	1,825	706	
1972.....	602	427	71.5	175	54	121	8.5	13.9	9.0	2,938	2,100	838	
1973.....	657	468	71.3	188	59	129	7.1	9.0	7.0	3,130	2,232	898	
1974.....	693	486	70.2	207	65	141	3.8	10.0	9.5	3,278	2,300	977	
1975.....	764	544	71.1	220	72	148	11.9	10.5	4.6	3,591	2,553	1,038	
1976.....	872	631	72.4	241	85	156	16.0	17.6	5.4	4,061	2,941	1,121	
1977.....	969	709	73.2	260	90	169	12.3	6.4	6.4	4,477	3,278	1,200	
1978.....	1,061	780	73.5	280	103	178	10.0	13.7	5.0	4,665	3,579	1,286	
1979.....	1,138	834	73.3	304	112	192	6.9	8.9	8.2	5,170	3,788	1,382	
1980.....	1,250	914	73.1	336	122	214	9.6	9.1	11.1	5,518	4,037	1,481	
1981.....	1,368	1,004	73.4	364	135	229	9.8	10.6	7.2	6,037	4,431	1,606	

<sup>1</sup> Data adjusted to system for reporting State and local data and therefore differ from figures in Section 11 tables. <sup>2</sup> Represents average for period of intervals shown; for 1950, change from 1948. For explanation, see Guide to Tabular Presentation. Minus sign (-) denotes decrease. <sup>3</sup> All years except 1970 and 1980 based on estimated population as of July 1; 1970 and 1980 based on resident population enumerated as of April 1. Includes Armed Forces abroad through 1955; thereafter, resident population. Excludes intergovernmental amounts. <sup>4</sup> As of end of fiscal year.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Government Finances*, and vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

## NO. 449. ALL GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[In billions of dollars, except as indicated. Federal data adjusted to system for reporting State and local data. Local government amounts are estimates subject to sampling variation; see Appendix III. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series Y 522-530 and Y 534-566.]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981
Revenue, total <sup>1</sup> .....	333.8	519.3	571.2	657.5	731.7	829.4	932.2	1,075.4
Revenue from own sources:								
Federal.....	205.6	302.3	323.5	383.5	429.7	499.6	563.7	659.0
Percent of total.....	61.6	58.2	56.5	58.3	58.7	60.2	60.5	61.3
State and local.....	128.2	217.0	247.7	275.4	302.0	329.8	368.5	416.4
State.....	68.7	119.2	139.1	155.8	171.6	189.9	212.6	240.0
Local.....	59.6	97.8	108.6	119.5	130.5	139.9	155.9	176.4
General revenue <sup>1</sup> .....	272.5	402.9	438.3	506.3	565.6	640.5	718.6	820.8
Taxes <sup>2</sup> .....	232.9	331.4	358.2	419.8	468.2	524.4	574.2	650.2
Individual income.....	101.2	143.8	156.2	186.0	214.2	254.8	286.1	332.0
Corporation income.....	36.6	47.3	48.7	64.1	70.7	77.8	77.9	75.3
Sales, gross receipts, and customs.....	48.6	70.9	76.3	83.8	93.0	101.0	112.0	134.5
Property.....	34.1	51.5	57.0	62.5	66.4	64.9	68.5	75.0
Charges and miscellaneous.....	39.6	71.4	80.1	86.5	97.4	116.1	142.4	170.6
Utilities and liquor stores.....	8.6	13.3	15.1	17.5	20.0	22.6	25.6	29.9
Insurance trusts <sup>2</sup> .....	52.7	103.1	117.8	133.7	146.1	166.2	190.0	224.7
OASDHI <sup>3</sup> (Federal Social Security).....	38.5	75.6	80.3	92.5	104.5	120.5	139.4	163.8
Employee retirement.....	8.2	14.9	17.3	20.1	22.2	25.3	29.1	34.3
Unemployment compensation.....	3.2	8.3	15.6	15.8	13.4	13.1	13.7	18.7
Expenditure, total <sup>1</sup> .....	330.0	560.1	625.1	682.5	745.4	832.4	958.7	1,109.8
Direct expenditure:								
Federal.....	184.9	291.9	322.0	359.3	400.1	452.0	526.3	624.6
Percent of total.....	55.5	52.1	51.4	52.7	53.7	54.3	54.9	56.3
State and local.....	148.1	268.2	303.0	323.2	345.3	380.4	432.3	485.2
State.....	56.2	106.9	123.1	128.8	136.5	148.7	173.3	198.3
Local.....	91.9	161.3	180.0	194.4	208.8	231.7	259.0	286.8
Current operation.....	197.0	305.2	353.5	388.0	402.2	446.9	517.0	584.8
Capital outlay.....	47.5	66.6	71.6	82.2	81.1	93.2	99.4	116.5
Construction.....	28.4	43.0	45.2	43.8	44.7	51.7	58.4	62.3
Equipment, land and existing buildings.....	19.1	23.6	26.4	31.4	36.4	41.4	41.0	54.2
Assistance and subsidies.....	20.8	24.0	47.7	48.8	54.0	57.2	64.0	68.6
Interest on debt.....	19.2	35.1	41.0	46.4	53.4	64.2	78.9	101.0
Insurance benefits and repayments.....	48.5	109.2	129.4	141.1	154.8	170.9	199.4	238.9
Exhibit: Salaries and wages.....	110.5	183.7	180.4	194.0	211.6	227.5	250.9	273.8
General expenditure <sup>1</sup> .....	275.0	433.6	476.1	514.0	564.3	630.7	723.1	827.9
National defense and international relations.....	84.3	93.9	98.0	105.6	114.8	128.5	149.5	174.6
Military services only.....	76.6	86.6	91.0	97.8	105.8	118.3	137.5	160.7
Postal service.....	7.7	12.7	13.7	14.6	15.3	16.6	18.2	20.5
Education.....	55.8	95.0	106.3	110.6	118.8	129.4	143.8	158.0
Institutions of higher education.....	12.9	21.7	24.3	26.0	28.4	30.1	33.9	38.1
Local schools.....	37.5	61.5	67.7	71.5	76.7	83.4	92.9	100.5
Other education.....	5.4	11.8	14.3	13.1	13.7	16.0	17.0	19.4
Highways.....	16.7	22.8	24.2	23.3	24.9	29.0	33.7	34.9
Public welfare.....	17.5	39.4	45.1	49.4	54.2	59.1	64.8	74.6
Categorical public assistance <sup>4</sup> .....	6.9	14.1	15.6	16.2	18.1	17.7	19.6	21.5
Other public assistance <sup>5</sup> .....	.6	1.8	2.1	1.3	2.4	1.3	1.3	1.5
Other public welfare <sup>6</sup> .....	10.0	23.5	27.4	31.9	33.7	40.1	43.8	51.6
Hospitals.....	9.7	17.4	18.9	21.3	22.8	25.7	29.2	32.1
Health.....	3.9	7.5	8.6	9.3	10.2	11.4	14.1	15.2
Police.....	4.9	9.8	10.7	11.8	12.9	13.9	15.2	16.9
Local fire protection.....	2.0	3.5	3.9	4.4	4.8	5.1	5.7	6.3
Sanitation.....	3.4	7.5	8.2	9.4	9.9	11.8	13.2	14.9
Natural resources.....	11.5	18.1	19.4	22.4	26.3	30.3	35.2	43.6
Stabilization of farm prices and income.....	4.3	2.4	1.3	2.2	3.6	3.7	6.0	7.2
Parks and recreation.....	1.9	3.5	3.9	5.7	6.7	7.4	8.2	8.5
Housing and urban renewal.....	3.2	5.9	5.4	5.6	6.0	8.0	12.1	13.9
Veterans services, n.e.c.....	5.5	6.6	9.3	10.2	10.8	11.6	12.5	13.8
Financial administration and general control.....	6.3	11.9	13.4	14.8	16.7	18.7	20.7	22.5
Interest on general debt <sup>7</sup> .....	18.4	33.8	39.6	44.5	51.3	61.8	76.0	97.6
Air and water transport and terminals.....	4.0	5.2	5.4	5.7	6.1	7.0	8.3	10.1
Other and unallocable.....	18.2	37.0	42.1	45.6	51.8	55.2	62.4	68.3
Utility and liquor stores <sup>7</sup> .....	9.4	17.3	19.5	24.2	26.3	30.8	36.2	43.0
Insurance trusts <sup>3</sup> .....	48.5	109.2	129.4	144.1	154.8	170.9	199.4	239.9
OASDHI <sup>3</sup> (Federal Social Security).....	35.8	76.6	88.3	103.2	115.0	129.2	149.5	177.5
Employee retirement.....	6.4	14.6	16.8	19.2	21.8	24.8	28.9	33.6
Unemployment compensation.....	2.8	12.4	18.1	14.9	10.9	9.0	12.3	18.2

<sup>1</sup> Excludes duplicate transactions between levels of government. <sup>2</sup> Includes other items, not shown separately. <sup>3</sup> Old-age, survivors, disability, and health insurance. <sup>4</sup> Old-age assistance, aid to families with dependent children, aid to the blind, and aid to the disabled. <sup>5</sup> Cash assistance for general relief wholly financed from State and local sources. <sup>6</sup> Vendor payments under various public welfare programs, including the medicaid program. <sup>7</sup> Interest on utility debt included in "utility and liquor stores."

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

## State and Local Government Finances and Employment

## No. 450. ALL GOVERNMENTS—REVENUE, BY SOURCE AND LEVEL: 1970 TO 1981

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 567-584 and Y 652-665]

SOURCE OF REVENUE	1970		1975		1979		1980		1981	
	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local
Total revenue .....	205.6	1 150.1	303.5	1 264.0	500.9	1 404.9	565.5	1 451.5	660.8	506.7
General revenue .....	163.6	1 130.8	223.0	1 228.2	373.8	1 343.3	419.1	1 382.3	489.5	423.4
Intergovernmental .....	21.9	1.2	47.1	1.3	75.2	1.8	83.0	1.8	90.3	90.3
From Federal government .....	(x)	21.9	(x)	47.1	(x)	75.2	(x)	83.0	(x)	90.3
From State governments .....	(x)	(1)	1.2	(1)	1.3	(1)	1.8	(1)	1.8	(1)
From local governments .....	(x)	(1)	(x)	(1)	(x)	(1)	(x)	(1)	(x)	(1)
From own sources .....	163.6	108.9	221.7	181.1	372.4	268.1	417.3	299.3	487.7	333.1
Taxes .....	146.1	86.8	190.0	141.5	318.9	205.5	350.8	223.5	405.7	244.5
Property .....	(x)	34.1	(x)	51.5	(x)	64.9	(x)	68.5	(x)	75.0
Individual income .....	90.4	10.8	122.4	21.5	217.8	36.9	244.1	42.1	285.6	46.4
Corporation income .....	32.8	3.7	40.6	6.6	65.7	12.1	64.6	13.3	61.1	14.1
Sales, gross receipts and customs <sup>2</sup> .....	18.3	30.3	21.1	49.8	26.7	74.2	32.0	79.9	48.6	86.0
General .....	(x)	16.1	(x)	29.1	(x)	46.6	(x)	51.3	(x)	55.6
Selective <sup>3</sup> .....	15.9	14.2	16.8	20.7	19.0	27.7	24.6	28.6	40.4	30.3
Motor fuel .....	3.8	6.3	4.5	8.3	5.2	10.1	4.9	9.8	4.7	9.9
Alcoholic beverages .....	4.7	1.5	5.3	2.1	5.6	2.5	5.7	2.6	5.7	2.8
Tobacco products .....	2.1	2.4	2.3	3.4	2.5	3.8	2.4	3.9	2.6	4.0
Public utilities .....	1.7	1.5	2.9	3.1	2.8	5.2	2.9	5.9	2.3	6.7
Death and gift tax .....	3.6	1.0	4.6	1.4	5.4	2.0	6.4	2.0	6.8	2.2
Charges and miscellaneous <sup>2</sup> .....	17.5	22.1	31.8	39.7	53.5	62.6	66.6	75.8	82.0	88.6
Education .....	(z)	5.8	(z)	9.1	.1	12.4	.1	13.8		15.3
Postal service .....	6.2	(x)	9.6	(x)	15.4	(x)	16.4	(x)	18.4	(x)
Hospitals .....	(z)	3.1	(z)	6.0	.1	11.0	.1	12.7	.1	14.8
Natural resources <sup>3</sup> .....	2.3	.6	3.0	.8	7.5	1.7	9.9	1.9	10.1	2.2
Sewerage and sanitation .....	(x)	1.2	(x)	2.5	(x)	4.2	(x)	4.9	(x)	5.7
Utility and liquor stores .....	(x)	8.6	(x)	13.3	(x)	22.6	(x)	25.6	(x)	29.9
Insurance trusts .....	42.0	10.7	80.5	22.5	(27.2	39.0	146.4	43.7	171.2	53.4

- Represents zero or rounds to zero. X Not applicable. Z Less than \$50 million. <sup>1</sup> Aggregates exclude duplicative transactions between State and local governments; see source. <sup>2</sup> Includes other amounts not shown separately. <sup>3</sup> Includes parks and recreation.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment, and Governmental Finances*, series GF No. 5, annual.

## NO. 451. ALL GOVERNMENTS—GENERAL EXPENDITURE, BY FUNCTION AND LEVEL: 1970 TO 1981

[In billions of dollars. Local government amounts are estimates subject to sampling variation; see source and Appendix III. Aggregates exclude duplicative transactions between levels of government. See also *Historical Statistics, Colonial Times to 1970*, series Y 605-631 and Y 682-704]

FUNCTION	1970		1975		1979		1980		1981	
	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local	Fed- eral	State and local
Total, all functions .....	166.9	1 131.3	253.5	1 230.7	389.8	1 327.5	446.6	1 369.1	516.9	1 407.4
Direct general .....	143.7	131.3	203.9	229.7	304.7	326.0	355.8	367.3	422.3	405.6
Intergovernmental .....	23.3	(x)	49.6	1.0	85.2	21.5	90.8	21.7	94.6	21.9
National defense and international relations .....	84.3	(x)	93.9	(x)	128.5	(x)	149.5	(x)	174.6	(x)
Postal service .....	7.7	(x)	12.7	(x)	16.6	(x)	18.2	(x)	20.5	(x)
Education .....	8.9	52.7	16.1	87.9	21.4	119.4	23.5	133.2	24.9	145.8
Highways .....	4.9	16.4	5.1	22.5	7.7	28.4	9.9	33.3	9.6	34.6
Public welfare .....	10.4	14.7	26.6	28.2	42.2	41.9	47.7	47.3	56.8	54.1
Health and hospitals .....	4.9	9.7	8.0	18.8	11.9	28.2	14.6	32.2	15.0	36.1
Natural resources <sup>3</sup> .....	19.0	54.6	414.7	7.7	28.7	10.6	33.1	12.0	41.1	13.2
Housing and urban renewal .....	2.7	2.1	5.1	3.5	9.6	4.7	12.2	6.1	12.9	7.1
Space research and technology .....	3.7	(x)	3.3	(x)	4.2	(x)	4.9	(x)	5.5	(x)
Air transportation .....	1.2	1.0	2.0	1.4	2.9	1.9	3.2	2.5	4.7	2.7
Social insurance administration .....	1.7	.8	2.7	1.5	3.9	1.8	4.4	2.0	4.9	2.3
Interest on general debt .....	14.0	4.4	25.0	8.8	48.8	13.0	61.3	14.7	80.5	17.1
Other and combined .....	13.6	24.9	38.3	50.4	63.5	77.5	64.1	65.8	65.9	94.4

X Not applicable. <sup>1</sup> Excludes duplicative transactions between State and local governments. <sup>2</sup> State contributions to Federal government. <sup>3</sup> Except as noted, includes parks and recreation. <sup>4</sup> Excludes parks and recreation. <sup>5</sup> Excludes State funds for parks.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment, and Governmental Finances*, series GF No. 5, annual and unpublished data.

## No. 452. ALL GOVERNMENTS—REVENUE AND EXPENDITURE, BY LEVEL OF GOVERNMENT: 1981

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 505-637 and Y 652-848]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	All governments (mil. dol.)	Federal (mil. dol.)	State (mil. dol.)	Local (mil. dol.)	PERCENT		PER CAPITA <sup>1</sup> (dol.)	
					Federal	State and local <sup>2</sup>	Federal	State and local <sup>2</sup>
<b>Revenue</b>	<sup>2</sup> 1,075,387	660,759	310,828	<sup>2</sup> 287,834	100.0	100.0	2,917	2,237
Intergovernment revenue .....	( <sup>2</sup> )	1,804	70,786	111,443	.3	17.8	8	399
Revenue from own sources .....	1,075,387	659,954	240,042	176,391	99.7	82.2	2,909	1,838
General revenue from own sources .....	820,814	487,705	187,373	145,736	73.8	65.7	2,153	1,470
Percent of total revenue .....	76.3	73.8	60.3	50.6	(x)	(x)	(x)	(x)
Taxes <sup>3</sup> .....	650,228	405,714	149,738	94,776	61.4	48.3	1,791	1,079
Property .....	74,969	(x)	2,949	72,020	(x)	14.8	(x)	331
Individual income .....	311,977	285,551	40,895	5,531	43.2	9.2	1,260	205
Corporation income .....	75,280	61,137	14,143	( <sup>4</sup> )	9.3	2.8	270	62
Sales and gross receipts .....	134,532	48,561	72,751	13,220	7.3	17.0	214	379
Customs duties .....	8,161	8,161	(x)	(x)	1.2	(x)	36	(x)
General sales and gross receipts .....	55,641	(x)	46,412	9,229	(x)	11.0	(x)	246
Selective sales and gross receipts <sup>4</sup> .....	70,730	40,400	26,339	3,991	6.1	6.0	178	134
Motor fuel .....	14,537	4,678	9,734	125	.7	1.9	21	44
Alcoholic beverages .....	8,487	5,667	2,613	206	.9	.6	25	12
Tobacco products .....	6,631	2,584	3,893	154	.4	.8	11	18
Public utilities .....	9,038	2,326	4,296	2,417	.4	1.3	10	30
Motor vehicle and operators' licenses .....	6,108	(x)	5,695	413	(x)	1.2	(x)	27
Death and gift .....	9,016	6,787	2,229	-	1.0	.4	30	10
Charges and misc. general revenue <sup>5</sup> .....	170,586	81,991	37,636	50,960	12.4	17.5	362	391
Current charges <sup>6</sup> .....	90,534	40,296	18,775	31,463	6.1	9.9	178	222
National defense and international relations .....	6,138	6,138	(x)	(x)	.9	(x)	27	(x)
Postal service .....	18,373	18,373	(x)	(x)	2.8	(x)	81	(x)
Education <sup>7</sup> .....	15,326	-	10,517	4,808	-	3.0	-	68
School lunch sales .....	2,105	(x)	7	2,098	(x)	.4	(x)	9
Higher education .....	11,803	-	10,312	1,491	-	2.3	-	52
Natural resources .....	10,942	10,111	557	263	1.5	2	45	4
Hospitals .....	14,829	69	4,085	10,675	(z)	2.9	(z)	65
Sewerage and sanitation .....	5,702	(x)	3	5,698	(x)	1.1	(x)	25
Parks and recreation .....	1,395	25	326	1,043	(z)	.3	(z)	6
Housing and urban renewal .....	2,322	976	109	1,237	.1	.3	4	6
Air transportation .....	2,120	22	206	1,892	(z)	.4	(z)	9
Water transport and terminals .....	1,364	460	267	637	.1	.2	2	4
Special assessments .....	1,353	(x)	35	1,319	(x)	.3	(x)	6
Sale of property .....	1,014	437	79	498	.1	.1	2	3
Interest earnings .....	35,234	15,776	9,756	10,702	2.4	4.0	70	90
Utility revenue .....	26,617	(x)	1,823	24,794	(x)	5.3	(x)	117
Liquor stores .....	3,278	(x)	2,805	474	(x)	.6	(x)	14
Insurance trust revenue .....	224,678	171,249	48,041	5,388	25.9	10.5	756	236
<b>Expenditure</b>	<sup>2</sup> 1,109,815	719,249	291,527	<sup>2</sup> 288,571	100.0	100.0	3,175	2,150
Intergovernment expenditure .....	( <sup>2</sup> )	94,609	93,180	1,744	13.2	.4	418	8
General revenue sharing .....	( <sup>2</sup> )	5,133	(x)	(x)	.7	(x)	23	(x)
Direct expenditure .....	1,109,815	624,640	198,347	286,827	86.8	99.6	2,757	2,142
General expenditure .....	827,877	422,301	160,474	245,102	58.7	83.3	1,864	1,790
Percent of total expenditure .....	74.6	58.7	55.0	84.9	(x)	(x)	(x)	(x)
Utility expenditure .....	40,290	(x)	3,347	36,943	(x)	8.3	(x)	178
Liquor stores expenditure .....	2,726	(x)	2,305	421	(x)	.6	(x)	12
Insurance trust expenditure .....	238,922	202,339	32,221	4,361	28.1	7.5	893	161
By character and object:								
Current operation .....	584,819	241,195	122,794	220,829	33.5	70.6	1,065	1,517
Capital outlay .....	116,499	48,903	24,286	43,311	6.8	13.9	216	298
Construction .....	62,310	7,360	20,632	34,318	1.0	11.3	32	243
Equip., land and existing structures .....	54,189	41,543	3,654	8,993	5.8	2.6	183	56
Assistance and subsidies .....	68,553	51,692	10,889	5,971	7.2	3.5	228	74
Interest on debt (general and utility) .....	101,021	50,510	8,157	12,354	11.2	4.2	355	91
Insurance benefits and repayments .....	238,922	202,339	32,221	4,361	28.1	7.5	893	161
Expenditure for salaries and wages .....	273,815	93,553	53,072	127,188	13.0	37.0	413	796

<sup>1</sup> Represents or rounds to zero. X Not applicable. Z Less than .05 percent or \$50. <sup>2</sup> Aggregates exclude duplicative transactions between levels of government; see source. <sup>3</sup> Includes amounts not shown separately. <sup>4</sup> Minor amount included in individual income tax. <sup>5</sup> Includes pay and allowances of military personnel.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF 81, No. 5.

## No. 453. ALL GOVERNMENTS—TAX REVENUE, BY SOURCE AND LEVEL: 1960 TO 1981

[Local government amounts are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 507-512, Y 569-579, Y 657-662, Y 716-727, and Y 802-806.]

SOURCE AND YEAR	ALL GOVERNMENTS		FEDERAL <sup>1</sup>		STATE AND LOCAL		ANNUAL PERCENT CHANGE <sup>2</sup>			PER CAPITA <sup>3</sup> (\$dollars)	
	Total (mil. dol.)	Percent of total	Total (mil. dol.)	Percent of all govt.	State (mil. dol.)	Local (mil. dol.)	Federal	State	Local	Federal	State and local
<b>Total:</b>											
1960	113,120	100.0	77,003	68.1	18,036	16,081	6.0	9.2	8.8	428	201
1965	144,963	100.0	93,710	64.6	26,126	25,116	4.0	7.7	6.8	483	264
1970	232,877	100.0	146,082	62.7	47,962	38,833	9.3	12.9	9.1	719	427
1975	331,435	100.0	189,970	57.3	80,155	61,310	3.2	8.0	8.5	892	664
1976	358,227	100.0	201,414	56.2	89,256	67,557	6.0	11.4	10.2	938	731
1977	419,721	100.0	243,842	58.1	101,085	74,794	21.1	13.3	10.7	1,127	813
1978	468,161	100.0	274,519	58.6	113,261	80,381	12.6	12.0	7.5	1,259	888
1979	524,446	100.0	318,932	60.8	124,908	80,606	16.1	10.3	3	1,449	934
1980	574,244	100.0	350,781	61.1	137,075	86,387	10.0	9.8	7.2	1,549	987
1981	650,228	100.0	405,714	62.4	149,738	94,776	15.7	9.2	9.7	1,791	1,079
<b>Individual income:</b>											
1960	43,178	38.2	40,715	94.3	2,209	1,254	7.2	15.1	* 12.2	226	14
1965	52,882	36.5	49,792	92.3	3,657	4,433	3.7	10.6	* 11.3	252	21
1970	101,224	43.5	90,412	89.3	9,183	4,1630	13.1	20.2	* 30.4	445	53
1975	143,840	43.4	122,396	85.1	18,819	4,635	2.9	10.2	* 9.2	574	101
1976	155,178	43.6	131,603	84.3	21,448	3,127	7.5	14.0	* 18.7	613	114
1977	185,970	44.3	156,725	84.3	25,493	4,752	19.1	18.9	* 20.0	724	135
1978	214,164	45.7	180,988	84.5	29,105	4,071	15.5	14.2	* 8.5	830	152
1979	254,773	48.6	217,841	85.5	32,822	4,308	20.4	12.1	* 5.8	990	168
1980	286,149	49.8	244,069	85.3	37,089	4,990	12.0	13.7	* 15.8	1,078	186
1981	331,977	51.0	285,551	86.0	40,895	4,531	17.0	10.3	* 10.8	1,260	205
<b>Corporation income:</b>											
1960	22,674	20.0	21,494	94.8	1,180	(4)	3.8	9.9	(1)	119	7
1965	27,390	18.9	25,461	93.0	1,929	(4)	3.4	10.3	(4)	131	10
1970	36,567	15.7	32,299	88.8	3,738	(4)	5.2	14.2	(4)	162	18
1975	47,263	14.3	40,621	85.9	6,642	(4)	5.2	10.4	(4)	191	31
1976	48,682	13.6	41,409	85.1	7,273	(4)	1.9	9.5	(4)	193	34
1977	64,068	15.3	54,892	85.7	9,174	(4)	32.6	26.1	(4)	254	42
1978	70,690	15.1	59,952	84.8	10,738	(4)	9.2	17.0	(4)	275	49
1979	77,805	14.8	65,677	84.4	12,128	(4)	9.5	12.9	(4)	298	55
1980	77,921	13.6	64,600	82.9	13,321	(4)	-1.6	9.8	(4)	285	59
1981	75,280	11.6	61,137	81.2	14,143	(4)	-5.4	6.2	(4)	270	62
<b>Sales and gross receipts:<sup>5</sup></b>											
1960	24,452	21.6	12,603	51.5	10,510	1,339	5.6	8.9	11.4	70	66
1965	32,904	22.7	15,788	48.0	15,059	2,059	4.6	7.5	9.0	81	88
1970	48,619	20.9	18,297	37.6	27,264	3,068	3.0	12.6	7.9	90	149
1975	70,005	21.4	21,090	29.7	43,346	6,466	2.7	6.9	16.7	99	234
1976	76,265	21.3	21,718	28.5	47,391	7,156	3.0	9.3	10.6	101	254
1977	83,775	20.0	23,180	27.7	52,362	8,232	6.7	10.5	15.0	107	280
1978	93,049	19.9	25,453	27.4	56,270	9,326	9.8	11.3	13.3	117	310
1979	101,961	19.3	26,714	26.5	63,688	10,579	4.9	9.3	13.4	121	337
1980	111,961	19.5	32,034	28.6	67,855	12,072	19.9	6.5	14.1	141	353
1981	134,532	20.7	48,561	36.1	72,751	13,220	51.6	7.2	9.5	214	379
<b>Property:</b>											
1960	16,405	14.5	(X)	(X)	607	15,798	(X)	8.1	8.9	(X)	91
1965	22,583	15.6	(X)	(X)	766	21,817	(X)	4.8	6.7	(X)	117
1970	34,054	14.6	(X)	(X)	1,092	32,963	(X)	7.4	8.6	(X)	168
1975	51,491	15.5	(X)	(X)	1,451	50,040	(X)	11.5	7.7	(X)	242
1976	57,001	15.9	(X)	(X)	2,118	54,884	(X)	46.0	9.7	(X)	266
1977	62,535	14.9	(X)	(X)	2,260	60,275	(X)	6.7	9.8	(X)	289
1978	68,422	14.1	(X)	(X)	2,364	64,058	(X)	4.6	6.3	(X)	305
1979	64,944	12.4	(X)	(X)	2,490	62,453	(X)	5.3	-2.5	(X)	295
1980	66,499	11.9	(X)	(X)	2,892	65,607	(X)	16.1	5.0	(X)	302
1981	74,969	11.5	(X)	(X)	2,949	72,020	(X)	2.0	9.8	(X)	331
<b>Other taxes:<sup>6</sup></b>											
1960	6,411	5.7	2,191	34.2	3,530	692	9.3	7.2	1.8	12	23
1965	9,191	6.3	3,670	39.9	4,715	807	10.9	6.0	3.1	19	28
1970	12,413	5.3	4,544	36.6	6,695	1,173	4.4	7.3	7.8	22	39
1975	17,936	5.4	5,873	32.7	9,897	2,166	-2.2	6.9	2.8	28	57
1976	20,101	5.6	6,684	33.3	11,026	2,390	13.8	11.4	10.3	31	63
1977	23,375	5.6	9,045	38.7	11,796	2,534	35.3	7.0	6.0	42	66
1978	23,835	5.1	8,126	34.1	12,784	2,925	-10.2	8.4	15.4	37	72
1979	25,964	5.0	8,700	33.5	13,999	3,264	7.1	9.5	11.6	40	78
1980	28,714	5.2	10,078	33.9	15,917	3,718	15.8	13.7	13.9	44	87
1981	33,469	5.1	10,465	31.3	18,999	4,005	3.8	19.4	7.7	46	102

X Not applicable. <sup>1</sup> Corporation income taxes include excess profits tax, normal tax, and surtax. <sup>2</sup> For explanation, see Guide to Tabular Presentation. Represents average for period of intervals shown here; for 1960, change from 1955. Minus sign (–) denotes decrease. <sup>3</sup> See footnote 3, table 448. <sup>4</sup> Corporation included with individual income. <sup>5</sup> Federal taxes include customs. <sup>6</sup> Includes licenses.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment, and Governmental Finances*, series GF No. 5, annual.

# Capital Outlay—Gross and Net Capital Stock

277

## No. 454. ALL GOVERNMENTS—EXPENDITURE FOR CAPITAL OUTLAY: 1970 TO 1981

[In millions of dollars. Local government data are estimates subject to sampling variation; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 523-524, Y 593-594, Y 673-674, Y 740-741, and Y 787-788.]

YEAR AND FUNCTION	TOTAL CAPITAL OUTLAY					CONSTRUCTION EXPENDITURE ONLY				
	All governments	Federal	State and local			All governments	Federal	State and local		
			Total	State	Local			Total	State	Local
1970.....	47,519	17,869	29,650	13,295	16,355	28,402	4,150	24,252	11,185	13,067
1974.....	57,250	19,166	38,084	15,417	22,667	35,651	5,109	30,542	12,655	17,887
1975.....	66,622	21,798	44,824	17,307	27,517	42,961	6,605	36,356	14,443	21,913
1976.....	71,631	25,100	46,531	18,009	28,522	45,223	6,924	38,299	15,285	23,014
1977.....	75,160	30,006	45,154	16,964	28,190	43,763	7,429	36,334	13,803	22,531
1978.....	81,058	36,289	44,769	16,064	28,705	44,720	8,521	36,199	13,260	22,939
1979.....	83,156	39,960	53,196	19,124	34,072	51,734	8,408	43,326	15,930	27,396
1980.....	99,386	36,492	62,894	23,325	39,568	58,410	6,918	51,492	19,735	31,755
<b>1981, total.....</b>	<b>116,499</b>	<b>48,903</b>	<b>67,596</b>	<b>24,287</b>	<b>43,310</b>	<b>62,310</b>	<b>7,360</b>	<b>54,950</b>	<b>20,632</b>	<b>34,318</b>
National defense <sup>1</sup> .....	39,441	39,441	(X)	(X)	(X)	2,015	2,015	(X)	(X)	(X)
Space research <sup>2</sup> .....	226	226	(X)	(X)	(X)	115	115	(X)	(X)	(X)
Education.....	11,328	1	11,327	3,780	7,547	7,674	—	7,674	2,573	5,101
Higher education.....	3,474	(X)	3,474	2,979	495	2,228	(X)	2,228	1,919	309
Local schools.....	7,441	(X)	7,441	389	7,052	5,128	(X)	5,128	336	4,792
Other.....	413	1	412	412	—	318	—	318	318	—
Highways.....	19,450	115	19,334	14,247	5,087	17,704	112	17,592	13,269	4,323
Natural resources.....	6,114	5,057	1,017	570	448	3,850	3,168	682	327	355
Health and hospitals.....	3,165	606	2,559	1,347	1,213	2,387	436	1,951	1,094	857
Sewerage.....	6,911	(X)	6,911	220	6,692	6,598	(X)	6,598	217	6,381
Parks and recreation.....	2,308	236	2,072	473	1,599	1,657	216	1,441	304	1,137
Housing, urban renewal.....	3,065	376	2,689	72	2,617	1,956	—	1,956	67	1,889
Air transportation.....	1,723	285	1,438	154	1,284	1,351	44	1,307	146	1,161
Water transport <sup>3</sup> .....	1,736	858	878	292	585	1,584	823	761	241	519
Utilities.....	11,562	(X)	11,562	933	10,629	9,763	(X)	9,763	831	8,930
All other.....	9,472	1,652	7,810	2,199	5,610	5,659	431	5,228	1,563	3,665

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Not applicable. <sup>3</sup> Includes international relations and U.S. service schools.

<sup>2</sup> Includes technology.

<sup>3</sup> Includes terminals.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 4, No. 5, *Compendium of Governmental Finances*; vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

## NO. 455. ALL GOVERNMENTS—GROSS AND NET STOCK OF GOVERNMENT-OWNED FIXED CAPITAL AND GROSS CAPITAL FORMATION IN CURRENT AND CONSTANT (1972) DOLLARS: 1970 TO 1982

[In billions of dollars. Stocks are as of Dec. 31; capital formation and depreciation are annual totals; net stock and depreciation are based on the straight-line depreciation formula]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>CURRENT DOLLARS</b>									
<b>All governments:</b>									
Gross stock.....	1,005.4	1,701.8	1,815.7	2,015.0	2,264.6	2,598.7	2,939.7	3,158.7	3,284.3
Equipment.....	223.7	318.0	344.8	386.5	428.3	483.5	562.3	697.9	710.6
Structures.....	781.8	1,383.8	1,470.9	1,628.5	1,836.3	2,115.2	2,377.4	2,519.0	2,573.8
Net stock.....	628.8	1,058.3	1,121.5	1,235.6	1,384.6	1,582.1	1,777.6	1,892.2	1,951.3
Equipment.....	115.9	166.1	179.6	199.9	223.7	256.2	298.7	340.2	380.7
Structures.....	513.0	892.2	942.0	1,035.7	1,160.9	1,326.0	1,478.9	1,552.0	1,570.6
Gross fixed capital formation.....	42.9	63.0	63.2	64.2	79.1	88.8	98.7	99.6	109.0
Depreciation.....	28.2	44.9	47.8	52.2	58.8	67.6	77.1	84.7	91.3
Net fixed capital formation.....	14.7	18.1	15.4	12.0	20.3	21.2	21.5	14.9	17.6
<b>State and local governments:</b>									
Gross stock.....	637.8	1,162.2	1,237.6	1,377.3	1,564.5	1,799.2	2,034.8	2,145.4	2,193.9
Equipment.....	34.7	69.6	78.3	88.0	100.2	114.3	127.8	142.5	152.0
Structures.....	603.1	1,092.6	1,159.2	1,289.3	1,464.3	1,684.9	1,907.1	2,002.9	2,041.9
Net stock.....	427.6	766.7	811.0	894.9	1,008.1	1,148.8	1,286.1	1,342.1	1,357.6
Equipment.....	20.6	42.2	46.9	51.9	57.9	64.4	70.1	76.3	79.7
Structures.....	407.0	724.6	764.1	843.0	950.2	1,084.4	1,216.0	1,265.7	1,277.8
Gross fixed capital formation.....	28.8	41.8	39.8	39.0	45.6	48.4	53.8	52.3	51.0
Depreciation.....	12.8	24.6	26.0	28.3	32.7	38.2	43.5	46.3	47.9
Net fixed capital formation.....	16.0	17.2	13.8	10.7	12.8	10.2	10.3	5.9	3.1
<b>CONSTANT (1972) DOLLARS</b>									
<b>State and local governments:</b>									
Gross stock.....	698.2	822.8	843.5	861.9	881.1	897.9	915.0	929.0	941.4
Net stock.....	468.2	543.0	552.8	559.8	567.4	572.9	577.9	580.5	581.8
Gross fixed capital formation.....	33.0	30.3	28.1	26.0	27.1	25.3	25.3	23.3	22.3

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79, Survey of Current Business*, October 1982, and unpublished data.

## 456. FEDERAL GRANTS-IN-AID—SUMMARY: 1970 TO 1984

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Minus sign (-) denotes decrease]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983 <sup>1</sup>	1984 <sup>1</sup>
<b>CURRENT DOLLARS</b>											
Total grants.....	24.0	49.8	59.1	68.4	77.9	82.9	91.5	94.8	88.2	93.5	95.9
Avg. annual percent change <sup>2</sup> .....	18.2	14.7	18.7	15.7	13.9	6.4	10.4	3.6	-7.0	5.3	2.6
Grants to Individuals.....	9.0	17.4	21.0	23.9	26.0	28.8	34.2	40.1	37.8	(NA)	(NA)
Percent of total.....	37.5	34.9	35.5	34.9	33.4	34.7	37.4	42.3	45.5	(NA)	(NA)
Grants as percent of—											
State-local government receipts <sup>3</sup> .....	22.9	29.1	31.1	31.0	31.7	31.3	31.7	29.4	25.4	(NA)	(NA)
Federal outlays .....	12.2	15.3	16.1	17.0	17.3	16.8	15.8	14.4	12.1	11.6	11.3
Gross national product <sup>4</sup> .....	2.5	3.4	3.6	3.7	3.7	3.5	3.6	3.2	2.9	2.9	2.7
<b>CONSTANT (1972) DOLLARS</b>											
Total grants.....	26.2	39.6	44.7	48.8	51.8	50.7	51.2	48.5	42.6	42.9	41.8
Average annual percent change <sup>2</sup> .....	12.0	5.0	12.9	9.2	6.1	-2.1	1.0	-5.3	-12.2	.7	-2.6

NA Not available. <sup>1</sup> Estimates. <sup>2</sup> Percent change from immediate per year. <sup>3</sup> From own sources. Receipts as defined in the national income and product accounts.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, 1981-82*.

## No. 457. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS: 1970 TO 1983

[In millions of dollars. Through 1975, for years ending June 30; beginning 1977, ending Sept. 30. Includes trust funds. See *Historical Statistics, Colonial Times to 1970*, series Y 638-651, for related data]

TYPE OF AID, FUNCTION, AND MAJOR PROGRAM	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Grant-in-aid shared revenue .....	24,014	49,834	68,414	77,889	82,858	91,472	94,762	88,194	93,537
National defense.....	37	74	96	60	94	93	75	68	76
Natural resources and environment.....	429	2,436	4,189	3,989	4,630	5,362	4,944	4,871	4,110
Environmental Protection Agency.....	194	2,025	3,724	3,390	3,962	4,803	4,181	4,079	3,387
Energy.....	25	43	74	180	183	499	617	509	592
Agriculture.....	603	404	371	426	456	569	829	986	1,399
Transportation <sup>2</sup> .....	4,538	5,864	8,299	8,897	10,438	13,087	13,462	12,171	13,315
Airports.....	83	292	335	562	556	590	469	339	527
Highways.....	4,334	4,702	6,027	6,110	7,329	9,209	9,107	7,903	8,711
Railroads.....	—	(Z)	22	35	52	54	51	80	207
Urban mass transit.....	105	669	1,616	1,972	2,408	3,129	3,771	3,782	3,740
Commerce and housing credit.....	(Z)	8	8	13	12	3	4	3	3
Community and regional development <sup>2</sup> .....	1,780	2,842	4,496	7,078	6,641	6,486	6,124	5,379	5,022
Appalachian development.....	184	306	246	257	297	335	329	304	248
Community development block grants.....	(X)	38	2,089	2,464	3,161	3,902	4,012	3,792	3,525
Urban renewal.....	1,054	1,374	899	392	298	214	156	101	71
Education, employment, training, social services <sup>2</sup> .....	6,390	12,133	15,753	20,557	22,249	21,862	21,146	16,589	16,768
Elementary and secondary education <sup>3</sup> .....	1,470	2,276	2,340	2,801	3,114	3,536	3,514	(X)	(X)
Compensatory education for the disadvantaged <sup>3</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2,939	3,008
Special programs and populations <sup>3</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	636	461
Bilingual education <sup>3</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	110	92
Federally affected areas impact aid.....	622	577	719	706	858	622	683	546	572
Vocational and adult education.....	285	652	692	691	769	854	723	802	752
Library and learning resources.....	105	210	160	209	255	261	247	101	135
Work incentives.....	81	304	348	353	372	383	368	222	299
Human development—social services.....	390	803	950	1,119	1,278	1,548	1,963	1,531	1,660
Employment and training assistance.....	421	2,504	2,940	4,251	5,397	6,191	5,926	3,295	2,912
Temporary employment assistance.....	(X)	319	2,340	4,769	3,285	1,796	852	38	(X)
Social services—grants to States.....	574	2,047	2,534	2,809	3,091	2,763	2,646	2,567	2,571
Health <sup>2</sup> .....	3,850	8,810	12,104	12,725	14,377	15,758	18,895	18,839	20,644
Alcohol, drug abuse, and mental health.....	80	590	471	605	594	679	664	656	492
Medicaid <sup>4</sup> .....	2,727	6,840	9,876	10,680	12,407	13,957	16,833	17,391	19,326
Income security <sup>2</sup> .....	5,819	9,395	12,663	13,782	14,740	18,495	21,341	21,930	24,918
Public assistance <sup>1</sup> .....	4,142	5,121	6,351	6,615	6,584	7,273	8,462	7,947	7,734
Food stamps—administration.....	559	136	271	298	324	412	489	752	768
Child nutrition and special milk programs <sup>4</sup> .....	379	1,565	2,775	2,526	2,862	3,388	3,359	2,875	3,040
Housing assistance <sup>4</sup> .....	436	1,326	1,814	2,412	2,773	3,434	4,034	4,894	5,944
Veterans benefits and services.....	18	32	79	76	86	90	74	63	73
Administration of justice.....	42	725	713	572	517	530	333	187	136
General government.....	49	100	133	164	202	160	208	252	226
General purpose fiscal assistance.....	430	6,971	9,438	9,523	8,233	8,478	6,710	6,347	6,257
General revenue sharing.....	(X)	6,130	6,758	6,823	6,848	6,829	5,137	4,569	4,567

<sup>1</sup> Represents zero. <sup>X</sup> Not applicable. <sup>Z</sup> Less than \$500,000. <sup>2</sup> Includes \$5 million for international affairs subsequently provided to a private institution. <sup>3</sup> Includes items not shown separately. <sup>4</sup> The 1983 Budget proposed dismantlement of the Dept. of Education (DED). Budget data for elementary and secondary education previously performed by DED are included in the Foundation for Education Assistance under compensatory education for the disadvantaged, special programs and populations, and bilingual education. <sup>4</sup> Includes grants for payments to individuals.

Source: U.S. Office of Management and Budget, *The Budget of the United States, Special Analyses*, and unpublished document, "Federal Grants-in-Aid to State and Local Governments," 1983 edition.

**NO. 458. FEDERAL AID TO STATE AND LOCAL GOVERNMENTS—SELECTED PROGRAMS, TOTAL, 1970 TO 1982, AND BY STATES AND OTHER AREAS, 1982**

[In millions of dollars, except per capita. Through 1975, for years ending June 30; beginning 1978, ending Sept. 30. Because of slight differences in accounting, data may not agree with that shown in table 457.]

YEAR AND STATE OR OTHER AREA	Total Federal aid <sup>1</sup>	Federal aid per capita <sup>2</sup> (dol.)	HHS <sup>3</sup>		DEPARTMENT OF—		OE, <sup>4</sup> elementary and secondary education	EPA, <sup>5</sup> waste treatment facilities construction	HUD <sup>6</sup>		ETA, <sup>7</sup> CETA <sup>8</sup> program
			Public assistance, total <sup>9</sup>	Medic-aid	Treasury, general revenue sharing	Transportation, highway fund			Low-rent public housing	Community development block grants	
1970, total .....	24,194	110	7,445	(X)	(X)	4,300	1,469.5	(NA)	434.5	(X)	420.1
1975, total .....	49,723	228	14,008	6,840	6,130	4,573	2,276.2	1,937.6	1,326.4	38.1	2,504.2
1978, total .....	77,901	345	20,094	10,668	6,823	5,749	2,801.3	3,186.8	2,635.1	4,264.3	4,250.8
1979, total .....	82,853	367	22,094	12,411	6,848	6,762	3,114.0	3,756.1	2,773.0	3,161.2	5,398.0
1980, total .....	91,365	396	24,249	13,957	6,829	8,806	3,591.4	4,343.0	3,434.4	3,901.6	6,202.1
1981, total .....	94,806	407	28,143	16,833	5,134	8,681	3,330.8	3,881.2	5,032.2	4,042.4	5,934.2
1982, total <sup>10</sup> .....	88,221	(NA)	28,313	17,367	4,569	7,626	3,082.1	3,756.2	4,890.7	3,781.6	3,376.9
U.S. ....	86,580	374	28,759	17,817	4,569	7,583	3,029.8	3,699.1	4,744.1	3,674.3	3,279.2
Ala .....	1,429	362	364	247	74	184	74.8	50.5	81.0	60.8	64.8
Alaska .....	422	963	52	26	19	107	15.4	9.3	17.3	7.2	8.3
Ariz. ....	799	279	79	13	64	115	56.0	26.4	52.4	40.2	32.4
Ark. ....	844	368	250	189	47	85	41.8	30.2	35.0	34.8	35.9
Calif. ....	9,016	365	3,931	2,108	516	492	196.3	373.6	396.8	314.8	343.0
Colo. ....	967	317	221	129	52	125	35.5	34.0	40.8	30.6	31.5
Conn. ....	1,120	355	372	221	55	91	36.4	47.0	83.9	51.7	40.4
Del. ....	279	464	56	31	14	32	11.9	31.2	18.6	9.5	10.2
D.C. ....	1,295	2,053	176	111	19	26	48.7	5.2	33.3	20.7	19.4
Fla. ....	2,859	274	639	369	162	281	92.2	151.4	149.6	126.4	124.4
Ga. ....	2,185	388	608	391	112	208	189.0	88.4	112.0	70.8	69.9
Hawaii .....	408	410	130	69	22	48	14.7	23.5	26.7	10.8	11.8
Idaho .....	350	363	73	44	18	52	13.4	19.4	14.2	2.3	13.9
Ill. ....	4,103	358	1,302	746	222	339	138.7	193.7	239.5	207.9	184.2
Ind. ....	1,558	285	453	291	84	154	42.8	102.8	91.4	75.7	98.0
Iowa .....	893	307	251	158	55	111	39.6	52.0	34.8	38.5	34.9
Kans. ....	706	293	200	123	38	106	29.0	47.1	32.0	29.5	19.7
Ky. ....	1,424	388	425	277	74	132	49.9	70.1	78.3	57.3	64.1
La. ....	1,591	365	567	406	95	151	69.1	36.4	78.0	65.1	60.6
Maine .....	527	465	198	142	28	42	14.0	25.7	34.0	14.8	18.2
Md. ....	1,793	420	456	275	87	323	60.1	80.0	111.7	64.9	56.3
Mass. ....	2,745	475	1,032	691	140	141	75.2	92.4	212.8	106.4	78.6
Mich. ....	3,634	399	1,491	787	183	238	114.2	150.3	153.3	167.4	199.3
Minn. ....	1,769	428	656	449	88	191	49.8	81.2	108.4	68.5	48.6
Miss. ....	1,091	428	306	212	62	84	59.4	38.5	49.4	39.7	37.7
Mo. ....	1,652	394	482	297	82	178	55.3	98.1	90.8	90.7	69.8
Mont. ....	382	476	77	55	17	72	15.7	16.7	16.3	6.3	11.2
Nebr. ....	524	330	139	85	31	71	35.0	24.2	24.0	22.3	13.6
Nev. ....	346	393	58	37	13	43	9.9	12.2	17.4	69.4	9.4
N.H. ....	317	333	86	55	15	44	12.7	28.8	22.5	13.6	7.7
N.J. ....	2,718	365	896	459	149	150	79.6	177.1	227.7	119.0	118.2
N. Mex. ....	727	535	129	75	31	99	33.9	23.5	24.5	19.2	18.8
N.Y. ....	9,288	526	4,312	3,090	477	382	264.2	317.6	586.3	467.0	289.0
N.C. ....	1,852	308	551	362	120	162	74.8	95.6	111.4	60.6	77.6
N. Dak. ....	301	450	86	45	13	42	14.1	11.9	17.2	8.3	6.2
Ohio ....	3,612	335	1,354	847	180	223	68.9	167.7	237.0	192.0	169.5
Oklahoma .....	991	312	356	250	55	55	36.5	29.5	59.7	34.2	29.4
Oreg. ....	1,168	441	218	123	52	136	34.0	34.8	40.8	34.4	43.9
Pa. ....	4,629	390	1,657	988	224	369	116.9	161.6	261.5	274.0	186.6
R.I. ....	471	492	186	129	20	24	15.4	21.8	45.4	24.8	16.2
S.C. ....	1,043	326	316	216	68	83	50.7	46.3	48.0	37.0	40.9
S. Dak. ....	325	470	83	59	15	52	12.9	13.4	21.8	6.6	6.2
Tenn. ....	1,607	346	432	315	85	160	58.8	80.5	100.2	54.6	67.7
Tex. ....	3,725	244	971	682	233	421	190.3	172.6	201.4	196.7	140.9
Utah .....	605	389	132	77	34	100	12.1	17.5	11.2	19.5	15.2
Vt. ....	271	525	97	62	13	38	9.2	9.2	10.8	5.2	6.8
Va. ....	1,523	296	480	301	95	164	58.1	90.8	94.0	66.7	60.5
Wash. ....	1,580	372	426	230	69	296	38.7	60.5	57.3	52.1	63.9
W. Va. ....	772	396	148	80	43	181	24.0	51.5	34.3	21.5	32.7
Wis. ....	1,894	398	794	481	97	125	103.8	59.5	93.1	59.9	68.1
Wyo. ....	349	694	23	11	10	56	6.4	17.8	4.5	2.6	3.2
Puerto Rico .....	1,397	(NA)	144	49	-	21	44.3	50.8	86.2	94.0	87.9
Virgin Islands .....	116	(NA)	5	1	-	(Z)	3.2	.4	9.2	.8	2.6
Guam .....	72	(NA)	5	1	-	(Z)	3.1	.4	4.0	-	2.6
Trust Terr. of Pac. ....	101	(NA)	(Z)	(Z)	-	-	(NA)	3.1	1.2	9.2	1.5
Other <sup>9</sup> .....	97	(NA)	1	-	-	-	1.7	2.4	46.2	3.3	3.2
Adjustments <sup>10</sup> .....	-143	(X)	-606	-606	-	21	-	-	-	-	-

- Represents zero. NA Not available. X Not applicable. Z Less than \$500,000. <sup>1</sup> Includes amounts not shown separately. <sup>2</sup> Per capita for U.S. only; excludes funds paid to, and population residing in, Puerto Rico, Virgin Islands, and "Other areas." Based on Bureau of the Census estimated resident population, including Armed Forces stationed in area, as of July 1 for all years except 1980 enumerated as of April 1980. <sup>3</sup> Department of Health and Human Services. <sup>4</sup> Includes child support enforcement, maintenance assistance, social services, and State and local training not shown separately. <sup>5</sup> Office of Education (became the Department of Education in spring 1980). <sup>6</sup> Environmental Protection Agency. <sup>7</sup> Department of Housing and Urban Development. <sup>8</sup> Employment and Training Administration, Comprehensive Employment and Training Act. <sup>9</sup> American Samoa, Northern Mariana Islands, Tokelau Islands, and Saipan. <sup>10</sup> Includes a small amount of funds and repayments not distributed by State or other area.

Source: U.S. Dept. of the Treasury, *Federal Aid to States*, annual.

## NO. 459. STATE AND LOCAL GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[In millions of dollars, except percent. Local government amounts included here are estimates subject to sampling variations; see Appendix III and source. See also *Historical Statistics, Colonial Times to 1970*, series Y 652-709]

SOURCE OF REVENUE AND TYPE OF EXPENDITURE	1970	1975	1977	1978	1979	1980	1981	
							Total	Per-cent
Revenue <sup>1</sup> .....	150,106	264,013	337,870	371,607	404,934	451,537	506,728	100.0
From Federal Government .....	21,857	47,034	62,444	69,592	75,164	83,029	90,294	17.8
Public welfare.....	7,574	14,357	18,885	20,176	22,487	24,821	29,176	5.8
Highways.....	4,608	5,320	6,461	6,401	7,147	8,980	9,508	1.9
Education.....	5,844	9,078	10,347	11,445	12,300	14,435	15,831	3.1
Employment security administration .....	664	1,525	1,833	1,887	1,935	2,056	2,367	.5
Revenue sharing.....	(X)	6,245	6,614	6,810	6,851	6,844	5,649	1.1
Other and unallocable .....	3,187	10,509	18,298	22,873	24,444	25,793	27,762	5.5
From State and local sources .....	128,248	216,979	275,426	302,014	329,770	368,509	416,433	82.2
General, net intergovernmental.....	108,898	181,137	227,712	246,368	268,115	299,293	333,109	65.7
Taxes.....	66,795	141,465	175,935	193,642	205,514	223,463	244,514	48.2
Property.....	34,054	51,491	62,527	66,422	64,944	68,499	74,969	14.8
Sales and gross receipts.....	30,322	49,615	60,641	67,595	74,247	79,927	85,971	17.0
Individual income.....	10,812	21,454	29,246	33,176	36,932	42,080	46,426	9.2
Corporation income.....	3,738	6,642	9,174	10,738	12,128	13,321	14,143	2.8
Other .....	7,868	12,063	14,348	15,709	17,264	19,636	23,004	4.5
Charges and miscellaneous.....	22,103	39,668	46,776	52,726	62,600	75,830	88,595	17.5
Utility and liquor stores.....	8,614	13,335	17,541	20,011	22,628	25,560	29,896	5.9
Water supply system.....	2,687	4,142	4,995	5,512	6,250	6,766	7,718	1.5
Electric power system.....	2,385	4,689	7,142	8,675	9,938	11,387	13,715	2.7
Transit system.....	1,135	1,411	1,991	2,056	2,245	2,397	2,965	.6
Gas supply system.....	401	625	862	1,009	1,297	1,809	2,220	.4
Liquor stores .....	2,006	2,468	2,550	2,759	2,898	3,201	3,278	.6
Insurance trust revenue <sup>2</sup> .....	10,736	22,507	35,172	35,635	39,027	43,656	53,429	10.5
Employee retirement.....	6,493	12,354	17,166	19,025	21,923	25,441	30,382	6.0
Unemployment compensation .....	3,101	8,155	15,296	13,158	12,941	13,529	18,571	3.7
Direct expenditure.....	148,052	268,241	323,168	345,313	380,374	432,328	485,174	100.0
By function:								
Direct general expenditure <sup>2</sup> .....	131,332	229,747	272,829	295,510	326,024	367,340	405,576	83.6
Education <sup>2</sup> .....	52,718	87,858	102,780	110,758	119,448	133,211	145,784	30.0
Higher education.....	12,924	21,702	25,972	28,391	30,059	33,919	38,114	7.9
Local schools .....	37,461	61,485	71,546	76,703	83,385	92,930	100,535	20.7
Highways .....	16,427	22,528	23,058	24,608	28,440	33,311	34,603	7.1
Public welfare.....	14,679	27,181	34,529	37,679	40,418	45,552	52,248	10.8
Health .....	1,806	4,414	5,497	6,303	7,179	8,387	9,771	2.0
Hospitals.....	7,883	14,432	17,542	18,648	21,038	23,787	26,330	5.4
Police protection.....	4,494	8,526	10,445	11,306	12,207	13,494	14,947	3.1
Fire protection.....	2,024	3,522	4,412	4,802	5,147	5,718	6,336	1.3
Natural resources .....	2,732	4,223	4,049	4,225	4,706	5,509	6,175	1.3
Sanitation and sewerage.....	3,413	7,438	9,426	9,866	11,787	13,214	14,898	3.1
Housing and urban renewal.....	2,138	3,460	3,387	3,699	4,724	6,062	7,086	1.5
Parks and recreation.....	1,868	3,462	4,916	5,270	5,896	6,520	7,064	1.5
Financial administration .....	2,030	3,594	4,489	5,292	6,071	6,719	7,230	1.5
General control.....	2,652	5,046	6,258	7,001	7,742	8,697	9,541	2.0
Interest on general debt <sup>3</sup> .....	4,374	8,782	11,234	11,983	12,987	14,747	17,131	3.5
Utility and liquor stores <sup>3</sup> .....	9,447	17,285	24,191	26,277	30,846	36,191	43,016	8.9
Water supply system.....	3,211	5,440	6,381	6,886	8,069	9,228	10,582	2.2
Electric power system.....	2,466	5,280	9,313	10,587	12,665	15,016	17,871	3.7
Transit system.....	1,753	3,977	5,598	5,573	6,465	7,641	9,607	2.0
Gas supply system.....	370	580	803	915	1,231	1,715	2,230	.5
Liquor stores .....	1,627	2,009	2,096	2,317	2,416	2,591	2,726	.6
Insurance trust expenditure <sup>2</sup> .....	7,273	21,209	26,149	25,526	23,504	28,797	36,583	7.5
Employee retirement.....	3,629	7,443	9,567	10,774	12,273	14,008	15,695	3.2
Unemployment compensation .....	2,723	12,311	14,697	10,740	8,886	12,070	17,932	3.7
By character and object:								
Current operation .....	97,915	180,976	225,650	249,222	274,167	307,811	343,623	70.8
Capital outlay .....	29,650	44,824	45,154	44,789	53,195	62,894	67,596	13.9
Construction .....	24,252	36,356	36,334	36,199	43,326	51,492	54,950	11.3
Equipment, land and existing structures .....	5,399	8,468	8,820	8,569	9,870	11,402	12,646	2.6
Assistance and subsidies .....	8,090	11,146	13,077	14,044	15,222	16,861	18,661	3.5
Interest on debt (general and utility) .....	5,123	10,087	13,137	14,044	15,463	17,604	20,511	4.2
Insurance benefits and repayments .....	7,273	21,209	26,149	23,525	23,504	28,797	36,583	7.5
Expenditure for salaries and wages .....	62,998	106,168	126,330	137,703	149,104	163,896	180,261	37.2
Debt outstanding, end of year.....	143,570	219,926	259,658	280,433	304,103	335,603	363,892	100.0
Long-term.....	131,415	200,140	246,816	269,003	292,302	322,456	348,329	95.7
Short-term.....	12,155	19,786	12,842	11,430	11,801	13,147	15,552	4.3
Long term debt: issued .....	12,848	21,117	34,358	39,980	42,085	42,364	43,819	(X)
Retired .....	7,011	10,904	13,559	16,715	27,056	17,404	18,929	(X)

X Not applicable. <sup>1</sup> Excludes duplicative transactions between State and local governments. <sup>2</sup> Includes amounts not shown separately. <sup>3</sup> Interest on utility debt included in "utility expenditure." For total interest on debt, see "Interest on debt (general and utility)," below.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

**No. 460. STATE AND LOCAL GOVERNMENT RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME AND PRODUCT ACCOUNTS: 1970 TO 1982**

[In billions of dollars. Includes trust accounts transactions. For explanation of national income, see text, p. 444]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Receipts .....</b>	<b>135.4</b>	<b>211.4</b>	<b>237.7</b>	<b>267.8</b>	<b>297.7</b>	<b>327.6</b>	<b>352.0</b>	<b>386.1</b>	<b>418.1</b>	<b>439.1</b>
General, own source.....	101.7	152.9	166.3	187.1	208.1	225.7	244.0	267.7	297.5	320.1
Personal tax and nontax receipts <sup>1</sup> .....	23.2	39.0	43.1	49.6	56.3	63.8	70.4	78.8	88.7	97.4
Income taxes.....	11.1	20.6	22.8	26.8	30.8	35.3	38.5	42.6	47.9	51.8
Nontaxes.....	7.9	13.0	14.6	16.7	18.9	21.4	24.5	28.2	32.3	36.4
Corporate profits tax accruals.....	3.5	6.5	7.1	9.3	11.1	11.9	13.4	14.5	15.3	12.7
Indirect business tax and nontax accruals <sup>1</sup> .....	75.0	107.4	116.2	128.3	140.7	150.0	160.2	174.4	193.5	210.0
Sales taxes.....	31.6	48.2	51.7	57.8	64.0	71.0	77.3	82.9	90.4	95.5
Property taxes.....	36.7	49.0	53.4	58.2	63.2	63.7	64.4	68.4	75.1	85.1
Contributions for social insurance.....	9.2	14.6	16.8	19.5	22.1	24.7	27.4	29.7	32.6	35.1
Federal grants-in-aid.....	24.4	43.9	54.6	61.1	67.5	77.3	80.5	88.7	87.9	83.9
<b>Expenditures <sup>2</sup> .....</b>	<b>133.5</b>	<b>204.6</b>	<b>232.2</b>	<b>251.2</b>	<b>289.7</b>	<b>297.3</b>	<b>321.5</b>	<b>355.5</b>	<b>382.7</b>	<b>407.8</b>
Purchases of goods and services.....	124.4	193.1	217.2	232.9	250.4	278.3	306.0	340.8	365.6	390.5
Compensation of employees.....	71.1	107.3	120.6	132.3	144.0	157.6	171.8	190.0	206.5	223.0
Transfer payments to persons.....	14.7	20.9	24.6	27.6	29.7	32.8	35.0	39.7	43.3	45.6
Net interest and subsidies <sup>3</sup> .....	-5.6	-9.4	-9.6	-9.3	-10.4	-13.6	-19.6	-25.0	-27.1	-28.3
<b>Surplus .....</b>	<b>1.9</b>	<b>6.8</b>	<b>5.5</b>	<b>16.6</b>	<b>28.0</b>	<b>30.3</b>	<b>30.4</b>	<b>30.6</b>	<b>35.3</b>	<b>31.3</b>

<sup>1</sup> Includes other items not shown separately. <sup>2</sup> Includes wage accruals less disbursements of \$175 million in 1978, \$135 million in 1979, and -\$40 million in 1980, not shown separately. Excludes dividends received by government not shown separately.

<sup>3</sup> Less current surplus of government enterprises and dividends received by Governments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *1976-1979*; and *Survey of Current Business*, July 1983.

**No. 461. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE AND DIRECT GENERAL EXPENDITURE: 1970 TO 1981**

[General revenue and expenditure exclude utilities, liquor stores, and insurance trusts. Local government amounts included here are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 652-709, for totals]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981
<b>General revenue (bil. dol.)<sup>1</sup> .....</b>	<b>130.8</b>	<b>207.7</b>	<b>226.2</b>	<b>256.2</b>	<b>285.2</b>	<b>316.0</b>	<b>343.3</b>	<b>382.3</b>	<b>423.4</b>
<b>Percent of total:</b>									
From Federal Government.....	16.7	20.1	20.6	21.7	21.9	22.0	21.9	21.7	21.3
Taxes.....	66.4	62.9	62.0	61.2	61.7	61.3	59.9	58.4	57.7
Property.....	26.0	23.0	22.6	22.3	21.9	21.0	18.9	17.9	17.7
Sales and gross receipts.....	23.2	22.2	21.8	21.3	21.3	21.5	21.6	20.9	20.3
Individual income.....	8.3	9.4	9.4	9.6	10.3	10.5	10.8	11.0	11.0
Other.....	8.9	8.4	8.2	8.1	8.2	8.4	8.6	8.6	8.8
Charges and miscellaneous.....	16.9	16.9	17.4	17.1	16.4	16.7	18.2	19.8	20.9
<b>Per capita, total (dol.)<sup>2</sup> .....</b>	<b>643</b>	<b>983</b>	<b>1,071</b>	<b>1,193</b>	<b>1,318</b>	<b>1,449</b>	<b>1,560</b>	<b>1,688</b>	<b>1,869</b>
From Federal Government.....	108	198	221	259	289	319	342	367	399
Taxes.....	427	618	664	731	813	888	934	987	1,079
Property tax.....	168	226	242	266	289	305	295	302	331
Charges and miscellaneous.....	109	166	186	204	216	242	284	335	391
<b>Direct general expenditure (bil. dol.)<sup>1</sup> .....</b>	<b>131.3</b>	<b>198.6</b>	<b>229.7</b>	<b>255.6</b>	<b>272.8</b>	<b>295.6</b>	<b>326.0</b>	<b>367.3</b>	<b>405.6</b>
<b>Percent of total:</b>									
Education.....	40.1	38.2	38.2	38.0	37.7	37.5	36.6	36.3	35.9
Highways.....	12.5	10.0	9.8	9.4	8.5	8.3	8.7	9.1	8.5
Public welfare.....	11.2	12.5	11.8	12.3	12.7	12.8	12.4	12.4	12.9
Health and hospitals.....	7.4	8.0	8.2	8.1	8.4	8.5	8.7	8.8	8.9
Police protection and correction.....	4.7	5.1	5.2	5.2	5.4	5.5	5.6	5.4	5.5
Natural resources.....	2.1	1.8	1.8	1.8	1.8	1.4	1.4	1.5	1.5
Sanitation and sewerage.....	2.6	3.0	3.2	3.2	3.3	3.3	3.6	3.6	3.7
Housing and urban renewal.....	1.6	1.7	1.5	1.2	1.2	1.3	1.4	1.7	1.7
Interest on general debt.....	3.3	3.9	3.8	4.0	4.1	4.1	4.0	4.0	4.2
<b>Per capita, total (dol.)<sup>2</sup> .....</b>	<b>646</b>	<b>940</b>	<b>1,087</b>	<b>1,191</b>	<b>1,261</b>	<b>1,355</b>	<b>1,481</b>	<b>1,622</b>	<b>1,790</b>
Education.....	259	359	416	453	475	508	543	568	644
Highways.....	81	94	107	111	107	113	129	147	153
Public welfare.....	72	117	129	146	160	173	184	201	231
Health and hospitals.....	48	75	88	96	104	114	128	142	159
Police protection and correction.....	30	48	56	62	68	75	81	88	99
Natural resources.....	13	17	20	22	23	19	21	24	27
Sanitation and sewerage.....	17	28	35	38	41	45	54	58	66
Housing and urban renewal.....	11	16	15	15	16	17	21	27	31
Interest on general debt.....	22	36	42	48	52	55	59	65	76
All other <sup>3</sup> .....	94	148	177	199	215	236	262	281	306

<sup>1</sup> Excludes duplicative transactions between State and local governments. <sup>2</sup> See footnote 3, table 448. <sup>3</sup> Libraries, social insurance administration, veterans service, airports, water transport, parking facilities, fire protection, protective inspection and regulation, parks and recreation, general control, financial administration, general public buildings, and other and unallocable.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *Governmental Finances*, series GF No. 5, annual.

**NO. 462. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE, ORIGIN, AND ALLOCATION, 1960 TO 1981, AND BY STATE: 1981**

[Local government amounts are estimates subject to sampling variation; see source and Appendix III]

STATE	Total general revenue (mil. dol.)	ORIGINATING LEVEL OF GOVERNMENT <sup>1</sup>						FINAL RECIPIENT LEVEL <sup>2</sup>			
		Revenue (mil. dol.)			Percent			Revenue (mil. dol.)		Percent	
		Federal	State	Local	Federal	State	Local	State	Local	State	Local
1960.....	50,505	6,974	20,619	22,912	13.8	40.8	45.4	18,081	32,424	35.8	64.2
1965.....	74,001	11,029	30,610	32,362	14.9	41.4	43.7	26,920	47,081	36.4	63.6
1970.....	130,756	21,858	57,507	51,392	16.7	43.9	39.3	50,835	79,921	38.8	61.1
1975.....	228,195	47,054	96,784	84,357	20.6	42.4	37.0	83,543	144,651	36.6	63.4
1979.....	315,960	69,592	135,638	110,730	22.0	42.9	35.0	124,439	191,521	39.4	60.6
1979.....	343,278	75,164	150,908	117,209	21.9	44.0	34.1	133,832	209,447	39.0	61.0
1980.....	382,322	83,029	169,266	130,027	21.7	44.3	34.0	152,303	230,019	39.8	60.2
U.S., 1981.....	423,404	90,294	187,374	145,736	21.3	44.3	34.4	169,143	254,261	39.9	60.1
Ala.....	6,311	1,497	3,190	1,624	23.7	50.6	25.7	3,473	2,838	55.0	45.0
Alaska.....	5,521	465	4,472	584	8.4	81.0	10.6	4,430	1,091	80.2	19.8
Ariz.....	4,657	856	2,196	1,605	18.4	47.2	34.5	1,573	3,084	33.8	66.2
Ark.....	3,151	913	1,440	798	29.0	45.7	25.3	1,595	1,556	50.6	49.4
Calif.....	51,561	11,111	24,002	16,449	21.5	46.6	31.9	15,703	35,857	30.5	69.5
Colo.....	5,381	1,052	2,049	2,261	19.6	38.2	42.2	1,881	3,480	35.1	64.9
Conn.....	5,588	998	2,618	1,972	17.9	46.9	35.3	2,833	2,755	50.7	49.3
Del.....	1,303	312	781	230	24.0	58.4	17.6	797	506	61.1	38.9
D.C.....	2,447	1,137	(X)	1,311	46.4	(X)	53.6	(X)	2,447	(X)	100.0
Fla.....	14,858	2,957	6,092	5,809	19.9	41.0	39.1	4,766	10,093	32.1	68.0
Ga.....	9,009	2,158	3,504	3,347	24.0	38.9	37.1	3,709	5,300	41.2	58.8
Hawaii.....	2,254	479	1,441	334	21.2	63.9	14.8	1,795	1,459	79.7	20.3
Idaho.....	1,460	369	683	409	25.2	46.8	28.0	693	767	47.4	52.6
Ill.....	21,395	4,672	8,608	8,115	21.8	40.2	37.9	8,436	12,959	39.4	60.6
Ind.....	7,954	1,627	3,639	2,688	20.5	45.7	33.8	2,960	4,994	37.2	62.8
Iowa.....	5,180	995	2,292	1,873	19.3	44.4	36.3	1,996	3,164	38.7	61.3
Kans.....	4,138	787	1,731	1,620	19.0	41.8	39.2	1,757	2,381	42.5	57.5
Ky.....	5,335	1,458	2,826	1,050	27.3	53.0	19.7	2,924	2,411	54.8	45.2
La.....	7,990	1,762	3,983	2,245	22.1	49.8	28.1	3,886	4,104	46.6	51.4
Maine.....	1,846	517	842	487	28.0	45.6	26.4	1,092	794	57.0	43.0
Md.....	8,618	1,890	3,891	2,837	21.9	45.1	32.9	3,677	4,941	42.7	57.3
Mass.....	11,952	2,669	5,151	4,132	22.3	43.1	34.6	5,374	6,578	45.0	55.0
Mich.....	18,859	4,094	7,908	6,857	21.7	41.9	36.4	7,935	10,924	42.1	57.9
Minn.....	8,715	1,834	4,171	2,709	21.0	47.9	31.1	3,281	5,434	37.6	62.4
Miss.....	3,714	1,050	1,728	936	28.3	46.5	25.2	1,691	2,023	45.5	54.5
Mo.....	6,904	1,681	2,606	2,617	24.3	37.7	37.9	2,637	4,267	38.2	61.8
Mont.....	1,669	443	672	554	26.5	40.3	33.2	858	811	51.4	48.6
Nebr.....	2,776	513	1,068	1,195	18.5	38.5	43.0	1,113	1,663	40.1	59.9
Nev.....	1,619	300	627	692	18.5	38.8	42.7	585	1,034	36.1	63.9
N.H.....	1,306	320	442	544	24.5	33.8	41.7	588	718	45.0	55.0
N.J.....	13,791	2,323	6,247	5,221	16.8	45.3	37.9	4,918	8,873	35.7	64.3
N. Mex.....	3,068	601	1,997	470	19.6	65.1	15.3	1,853	1,215	60.4	39.6
N.Y.....	43,944	8,498	16,027	19,419	19.3	36.5	44.2	12,338	31,606	28.1	71.9
N.C.....	8,373	2,046	4,098	2,230	24.4	48.9	26.6	3,832	4,541	45.8	54.2
N. Dak.....	1,457	289	819	349	19.9	56.2	23.9	848	609	58.2	41.8
Ohio.....	16,461	3,486	6,729	6,247	21.2	40.9	37.9	5,700	10,761	34.6	65.4
Oklahoma.....	5,339	1,040	2,897	1,403	19.5	54.2	26.3	2,809	2,531	52.6	47.4
Oreg.....	5,652	1,252	2,395	2,005	22.1	42.4	35.5	2,446	3,206	43.3	56.7
Pa.....	19,717	4,133	8,861	6,723	21.0	44.9	34.1	8,204	11,513	41.6	58.4
R.I.....	1,856	464	911	481	25.0	49.1	25.9	1,101	755	59.3	40.7
S.C.....	4,525	1,100	2,289	1,137	24.3	50.6	25.1	2,439	2,087	53.9	46.1
S. Dak.....	1,180	328	462	390	27.8	39.1	33.1	597	583	50.6	49.4
Tenn.....	6,554	1,688	2,433	2,433	25.8	37.1	37.1	2,775	3,779	42.3	57.7
Texas.....	23,617	4,154	10,621	8,842	17.6	45.0	37.4	10,006	13,611	42.4	57.6
Utah.....	2,490	612	1,139	738	24.6	45.8	29.7	1,197	1,292	48.1	51.9
Vt.....	967	293	425	249	30.3	44.0	25.7	612	354	63.3	36.7
Va.....	8,721	1,954	4,030	2,737	22.4	46.2	31.4	4,104	4,618	47.1	52.9
Wash.....	8,114	1,904	3,710	2,501	23.5	45.7	30.8	3,404	4,111	41.9	58.1
W. Va.....	3,169	898	1,555	716	28.3	49.1	22.6	1,722	1,447	54.3	45.7
Wis.....	9,267	1,968	4,380	2,901	21.4	47.3	31.3	3,488	5,779	37.6	62.4
Wyo.....	1,713	336	715	662	19.6	41.8	38.6	756	957	44.1	55.9

X Not applicable.

<sup>1</sup> Before intergovernmental transfers.

<sup>2</sup> After intergovernmental transfers.

Source: U.S. Bureau of the Census, *Governmental Finances series* GF No. 5, annual.

## General Revenue

283

## No. 463. STATE AND LOCAL GOVERNMENTS—GENERAL REVENUE, BY SOURCE, BY STATE: 1981

[Local governments included here are estimates subject to sampling variation; see source and Appendix III]

STATE	GENERAL REVENUE (mil. dol.)						GENERAL REVENUE PER CAPITA <sup>1</sup> (dol.)						General revenue per \$1,000 of personal income <sup>2</sup> (dol.)	
	Total	From Federal Government	From own sources			Total	From Federal Government	From own sources			Total	Taxes	Charges and miscellaneous	
			Taxes	Charges and miscellaneous	Total			Total	Proprietary	Other				
U.S.	423,404	90,294	244,514	74,969	169,545	88,595	1,869	399	1,079	331	391		196	
Ala.	6,311	1,497	2,876	338	2,538	1,938	1,621	384	739	87	498		216	
Alaska	5,521	465	2,569	343	2,226	2,487	13,748	1,158	6,397	854	6,193		1,075	
Ariz.	4,657	856	2,751	857	1,894	1,050	1,713	315	1,012	315	386		194	
Ark.	3,151	913	1,551	327	1,224	687	1,378	399	678	143	300		189	
Calif.	51,561	11,111	29,828	7,226	22,602	10,622	2,179	469	1,260	305	449		199	
Colo.	5,361	1,052	2,960	1,045	1,915	1,350	1,855	364	1,024	362	467		185	
Conn.	5,588	998	3,723	1,632	2,091	867	1,798	321	1,198	525	279		153	
Del.	1,303	312	669	102	567	322	2,192	525	1,126	172	541		211	
D.C.	2,447	1,137	1,131	281	850	180	3,833	1,780	1,771	440	282		318	
Fla.	14,858	2,957	8,285	2,534	5,751	3,616	1,524	303	850	260	371		168	
Ga.	9,009	2,158	4,666	1,207	3,459	2,185	1,649	395	854	221	400		204	
Hawaii	2,254	479	1,344	197	1,147	431	2,335	496	1,393	204	447		231	
Idaho	1,460	369	763	219	544	328	1,547	390	808	231	348		191	
Ill.	21,395	4,672	13,306	4,581	8,725	3,417	1,872	409	1,164	401	299		178	
Ind.	7,954	1,627	4,540	1,693	2,847	1,787	1,449	296	827	308	325		162	
Iowa	5,160	995	3,028	1,170	1,858	1,137	1,771	341	1,039	402	390		189	
Kans.	4,138	787	2,372	916	1,456	979	1,750	333	1,003	387	414		175	
Ky.	5,335	1,455	2,884	520	2,364	993	1,457	398	788	142	271		191	
La.	7,990	1,762	4,115	515	3,600	2,113	1,900	419	978	123	502		224	
Maine	1,846	517	1,063	401	662	266	1,641	459	945	356	237		206	
Md.	8,618	1,890	4,968	1,306	3,662	1,760	2,044	448	1,178	310	417		195	
Mass.	11,952	2,669	7,732	2,971	4,361	1,552	2,093	465	1,348	588	270		205	
Mich.	18,859	4,094	10,682	4,343	6,339	4,083	2,036	442	1,153	469	441		204	
Minn.	8,715	1,834	4,767	1,333	3,434	2,114	2,138	450	1,170	327	519		219	
Miss.	3,714	1,050	1,793	377	1,416	872	1,473	416	711	150	346		223	
Mo.	6,904	1,681	3,883	1,093	2,790	1,340	1,404	342	790	222	272		156	
Mont.	1,669	443	866	414	452	360	2,122	563	1,101	526	458		248	
Nebr.	2,776	513	1,529	652	877	724	1,768	227	974	416	469		198	
Nev.	1,619	300	882	257	625	437	2,022	375	1,102	321	545		188	
N.H.	1,306	320	732	463	269	255	1,419	348	795	503	277		155	
N.J.	13,791	2,323	9,051	4,000	5,051	2,418	1,873	315	1,229	543	328		171	
N. Mex.	3,068	601	1,433	193	1,240	1,034	2,355	461	1,100	143	794		300	
N.Y.	43,944	8,498	28,618	9,267	19,351	6,828	2,503	484	1,630	528	389		343	
N.C.	8,373	2,046	4,738	1,118	3,620	1,589	1,224	348	805	190	270		182	
N. Dak.	1,457	289	643	189	454	524	2,232	443	986	269	803		255	
Ohio	16,461	3,486	9,425	3,172	6,253	3,551	1,525	323	873	294	329		161	
Okl.	5,339	1,040	3,055	493	2,562	1,245	1,765	344	1,010	163	412		193	
Oreg.	5,652	1,252	2,913	1,183	1,730	1,487	2,146	475	1,106	449	565		230	
Pa.	19,717	4,133	12,257	3,146	9,111	3,327	1,682	348	1,033	265	280		176	
R.I.	1,856	464	1,035	429	606	357	1,959	490	1,092	453	377		207	
S.C.	4,525	1,100	2,423	555	1,868	1,002	1,450	352	776	178	321		199	
S. Dak.	1,180	328	587	254	333	265	1,708	475	850	368	383		218	
Tenn.	6,554	1,688	3,395	969	2,426	1,471	1,428	368	739	211	320		184	
Texas	23,617	4,154	13,671	4,609	9,062	5,793	1,660	292	961	324	407		173	
Utah	2,490	612	1,332	373	959	546	1,704	419	912	255	373		222	
Vt.	967	293	505	210	295	169	1,890	573	987	410	330		241	
Va.	8,721	1,954	5,057	1,419	3,638	1,710	1,631	366	946	265	320		173	
Wash.	8,114	1,904	4,287	1,243	3,044	1,923	1,964	461	1,037	301	465		190	
W. Va.	3,169	898	1,632	290	1,342	639	1,625	460	837	148	328		208	
Wis.	9,267	1,986	5,399	1,835	3,564	1,882	1,969	422	1,147	390	400		210	
Wyo.	1,713	336	800	313	487	577	3,648	716	1,704	667	1,228		352	

<sup>1</sup> Based on enumerated resident population as of April 1, 1980. <sup>2</sup> Based on personal income, calendar year 1980.Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF 81, No. 5.

## No. 464. STATE GOVERNMENT INDIVIDUAL INCOME TAXES: 1983

[As of September 1. Only basic rates, brackets and exemptions are shown. Taxable income rates and brackets apply to single individuals; other schedules may be used for married taxpayers filing jointly or separately and/or heads of households in California, Georgia, Hawaii, Idaho, Kansas, Maine, New Mexico, Oklahoma, Oregon, Utah, and West Virginia. Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming have no State income tax.]

STATE	Taxable income rates (range in percent)	TAXABLE INCOME BRACKETS		PERSONAL EXEMPTIONS			SIZE OF STANDARD DEDUCTION <sup>1</sup>		Federal income tax deductible <sup>2</sup>	
		Lowest: amount under	Highest: amount over	Single	Married-joint return	Dependents	Percent	Single		
Ala. <sup>3</sup>	2.0-5.0	\$500	\$3,000	\$1,500	\$3,000	\$300	20	\$2,000	\$4,000	Yes
Ariz. <sup>4</sup>	2.0-8.0	1,017	6,102	1,759	3,518	1,056	17	880	1,759	Yes
Ark.	1.0-7.0	2,999	25,000	17.50	6.35	6	10	1,000	1,000	No
Calif. <sup>4</sup>	1.0-11.0	4,600	25,430	6.38	6.76	6.12	(X)	1,510	3,020	No
Colo. <sup>5</sup>	2.5-8.0	1,415	14,153	1,203	2,406	1,203	(X)	1,415	1,415	Yes
Conn.					Very limited State income tax <sup>6</sup>					
Del. <sup>3</sup>	1.4-13.5	1,000	50,000	600	1,200	600	10	1,000	1,000	Yes <sup>7</sup>
D.C.	2.0-11.0	1,000	25,000	750	1,500	750	10	1,000	1,000	No
Ga.	1.0-6.0	750	7,000	1,500	3,000	1,500	8 15	8 2,300	8 3,000	No
Hawaii	2.25-11.0	800	30,000	1,000	2,000	1,000	(X)	800	1,000	No
Idaho	2.0-7.5	1,000	5,000							No
Ill.	3.0	Flat Rate	1,000	2,000	1,000	(X)		(X)	(X)	No
Ind. <sup>3</sup>	3.0	Flat Rate	1,000	2,000	500	(X)	(X)	(X)	(X)	No
Iowa <sup>3 4</sup>	.5-13.0	1,023	76,725	5 19	6 38	5 14	8 15	8 1,200	8 3,000	Yes
Kans.	2.0-9.0	2,000	25,000	1,000	2,000	1,000	8 16	8 2,400	8 2,800	Yes
Ky. <sup>3</sup>	2.0-6.0	3,000	8,000	6 20	6 40	6 20	(X)	650	650	Yes
La.	2.0-5.0	10,000	50,000	6,000	12,000	6,000				
Maine <sup>4</sup>	1.0-10.0	2,044	25,000	1,000	2,000	1,000	16	2,453	2,862	No
Md. <sup>3</sup>	2.0-5.0	1,000	3,000	800	1,600	800	13	1,500	3,000	No
Mass.	10 5.375	Flat Rate	2,200	(11)	700	(X)	(X)	(X)	(X)	No
Mich. <sup>3</sup>	12 6.35	Flat Rate	1,500	3,000	1,500	(X)	(X)	(X)	(X)	No
Minn. <sup>4</sup>	13 14 1.6-16.0	667	36,632	6 67	6 134	6 67	10	2,250	2,250	Yes
Miss.	3.0-5.0	5,000	10,000	6,000	9,500	1,500	15	2,300	3,400	No
Mo. <sup>3</sup>	1.5-5.0	1,000	9,000	1,200	1,200	400	(X)	2,300	3,400	Yes
Mont. <sup>4</sup>	13 2.0-11.0	1,200	42,000	960	1,920	960	20	1,800	3,600	Yes
Nebr.				20% of Federal income tax liability for tax year 1983						No
N.H.				Very limited State income tax <sup>16</sup>						
N.J.	16 2.0-3.5	20,000	50,000	1,000	2,000	1,000	(X)	(X)	(X)	No
N. Mex.	.7-7.8	1,000	100,000							No
N.Y. <sup>3</sup>	17 2.0-14.0	1,000	23,000	800	1,600	800	17	2,500	2,500	No
N.C.	3.0-7.0	2,000	10,000	1,100	18 2,200	800	10	.550	(19)	No
N. Dak.	22 2.0-9.0	20 3,000	20 50,000	1,000	2,000	1,000	(X)	2,300	3,400	Yes
Ohio <sup>3</sup>	21 5.5-5.0	5,000	100,000	1,000	2,000	1,000	(X)	(X)	(X)	No
Oklahoma	22 5.5-6.0	22 1,000	22 7,500	1,000	2,000	1,000	8 15	8 2,000	8 2,000	Yes <sup>8 2</sup>
Oreg. <sup>4</sup>	23 4.0-10.0	500	5,000	8 85	6 170	8 85	13	1,500	1,500	Yes <sup>24</sup>
Pa. <sup>3</sup>	25 2.45	Flat Rate	(X)	(X)	(X)	(X)	(X)	(X)	(X)	No
R.I.			26.75% of Federal income tax liability for tax year 1983							No
S.C. <sup>4</sup>	2.0-7.0	2,000	10,000	800	1,600	800	10	1,000	2,000	Yes <sup>26</sup>
Tenn.				Very limited State income tax <sup>27</sup>						
Utah	2.75-7.75	750	3,750	750	1,500	750	8 15	8 2,000	8 2,000	Yes
Vt.			26% of Federal income tax liability for tax year 1983 (with special allowances)							No
Va.	2.0-5.75	3,000	12,000	600	1,200	600	15	2,000	2,000	No
W. Va.	28 2.1-13.0	2,000	60,000	700	1,400	700	10	1,000	1,000	No
Wis. <sup>3</sup>	13 3.4-10.0	3,900	51,600	8 20	6 40	8 20	(X)	2,300	3,400	No

X Not applicable. <sup>1</sup> The lesser of either a) the percentage indicated, multiplied by adjusted gross income or b) the dollar value listed. <sup>2</sup> A State provision that allows the taxpayer to deduct fully the Federal income tax payment reduces the effective marginal tax rate for persons in the highest State and Federal tax brackets by approximately one-half the nominal tax rate—the deduction is of a lesser benefit to other taxpayers. <sup>3</sup> States in which one or more local governments levy a local income tax.

<sup>4</sup> Indexed by an inflation factor. Colo., Iowa, Oreg., S.C., and Wis. have suspended indexing through at least 1983. <sup>5</sup> Tax credit. <sup>6</sup> There is an income tax on interest and dividend income only. The rate of this tax ranges from 6% of interest and dividend income for taxpayers with an AGI of \$50,000-\$59,999 to 13% of such income of taxpayers with an AGI over \$100,000. Capital gains are taxed at 7%. <sup>7</sup> Federal income tax deduction limited to \$300 (\$600 married). <sup>8</sup> A minimum standard deduction exists. In instances where the percentage standard deduction is less than the minimum, the minimum deduction amount should be taken. <sup>9</sup> Tax cannot reduce after-tax income of taxpayer to below \$5,000. <sup>10</sup> Rate includes a 7.5% surcharge which has been in effect since 1976. 10% (flat rate) imposed on net gains, interest and dividends. Tax cannot reduce after-tax income to below \$3,000 (\$5,000 married couple). <sup>11</sup> Exemption is the smaller of \$4,400 or \$3,000 plus the income of the spouse having the smaller earned income. <sup>12</sup> In January 1984 the rate will drop to 6.1%. <sup>13</sup> In January 1985, 5.35%.

<sup>14</sup> A 10% surcharge on the liability is additional. <sup>15</sup> Indexing figures are for the 1982 tax year. <sup>16</sup> There is a 5% tax on dividend and interest income (excluding income from savings bank deposits) in excess of \$1,200 (\$2,400 married). <sup>17</sup> No taxpayer is subject to tax if gross income is \$3,000 or less (\$1,500 married, filing separately). <sup>18</sup> No tax due from individuals with an adjusted gross income of \$2,500 or less, or married head of household, or surviving spouse of \$5,000 or less. <sup>19</sup> An additional exemption of \$1,100 is allowed the spouse with the smallest income. Joint returns not allowed. <sup>20</sup> An additional \$550 is allowed a married woman with separate income. Joint returns are not allowed. <sup>21</sup> Taxpayers have the option of paying a tax of 10.5% of the taxpayers adjusted Federal income tax liability. <sup>22</sup> For tax year 1983, there is an additional 83.3% surcharge on liability. In January 1984, there is a permanent 90% rate increase. <sup>23</sup> These tax rates and brackets apply to single persons not deducting Federal income tax. For individuals deducting Federal income tax, rates range from .5% of the first \$1,000 to 7% on income over \$49,000. <sup>24</sup> An 8% surcharge on tax liability is additional. <sup>25</sup> Federal tax deduction limited to \$7,000 (\$3,500 married, filing separately). <sup>26</sup> The tax rate is 2.35% beginning July 1984. <sup>27</sup> Federal tax deduction limited to \$500.

<sup>28</sup> Interest and dividends taxed at 6%; dividends from Tenn. corporation taxed at 4%. <sup>29</sup> A 12% surcharge on the tax liability for taxpayers with taxable income over \$10,000 in effect April 1983 - June 1984.

Source: Advisory Commission on Intergovernmental Relations, Washington, D.C., *Significant Features of Fiscal Federalism, 1982-83*, forthcoming.

## NO. 465. STATE AND LOCAL GOVERNMENTS—DIRECT GENERAL EXPENDITURE, BY STATE: 1981

(Local government amounts included here are estimates subject to sampling variability; see source and Appendix III)

STATE	EXPENDITURE (mil. dol.)						EXPENDITURE PER CAPITA <sup>1</sup> (dollars)					
	Total	Educa-tion	High-ways	Public welfare	Health, hospi-tals	All other	Total	Educa-tion	High-ways	Public welfare	Health, hospi-tals	All other
U.S. ....	405,576	145,784	34,603	52,248	36,100	136,841	1,790	644	153	231	159	603
Ala.....	5,639	2,152	621	532	792	1,543	1,448	553	159	136	203	397
Alaska.....	2,896	762	262	154	87	1,628	7,211	1,896	652	392	217	4,064
Ariz.....	4,752	1,987	459	239	342	1,715	1,748	731	172	88	126	631
Ark.....	2,980	1,193	415	363	294	716	1,303	522	181	159	128	313
Calif.....	49,700	16,946	2,428	8,231	4,198	17,897	2,100	716	103	348	177	756
Colo.....	5,166	2,160	477	478	434	1,617	1,788	747	165	165	150	561
Conn.....	5,330	1,843	376	737	343	2,031	1,715	593	121	237	110	654
Del.....	1,224	448	116	105	59	496	2,060	753	195	176	99	837
D.C.....	1,903	360	77	350	189	947	2,982	564	121	548	265	1,484
Fla.....	14,314	5,140	1,229	961	1,651	5,333	1,469	527	126	99	169	548
Ga.....	8,401	2,900	758	895	1,384	2,464	1,538	531	139	164	253	451
Hawaii.....	2,104	603	145	276	132	948	2,181	625	150	286	136	984
Idaho.....	1,417	554	171	119	122	451	1,501	587	181	126	129	478
Ill.....	20,122	6,961	1,893	2,842	1,282	7,144	1,761	609	166	249	112	625
Ind.....	7,687	3,310	679	776	836	2,086	1,400	603	124	141	152	380
Iowa.....	5,107	2,085	699	596	475	1,252	1,753	716	240	204	163	430
Kans.....	4,197	1,581	588	435	345	1,248	1,775	669	248	184	146	527
Ky.....	5,473	1,922	816	735	367	1,632	1,495	525	223	201	100	446
La.....	7,605	2,625	901	789	839	2,451	1,808	624	214	187	199	584
Maine.....	1,725	587	193	309	77	559	1,533	522	172	275	69	495
Md.....	8,088	2,903	651	900	590	3,044	1,918	688	154	213	140	723
Mass.....	11,135	3,401	683	2,000	982	4,069	1,941	593	119	349	171	709
Mich.....	18,176	6,926	1,165	2,827	1,658	5,600	1,982	748	126	305	179	604
Minn.....	8,569	2,905	884	1,288	744	2,768	2,102	713	217	311	183	678
Miss.....	3,749	1,395	496	422	496	940	1,487	553	197	167	197	373
Mo.....	6,950	2,578	676	811	729	2,156	1,414	524	137	165	148	440
Mont.....	1,489	562	251	131	88	458	1,892	715	319	166	112	580
Nebr.....	2,614	1,065	367	221	242	729	1,665	679	227	141	154	464
Nev.....	1,661	468	201	104	164	723	2,075	595	251	129	205	905
N.H.....	1,392	504	174	168	68	458	1,512	547	169	204	74	498
N.J.....	13,897	4,966	787	1,727	945	5,462	1,886	674	107	234	128	743
N. Mex.....	2,467	1,036	274	196	209	752	1,894	795	210	151	160	578
N.Y.....	42,468	12,708	2,602	6,917	3,995	16,245	2,419	724	148	394	228	925
N.C.....	8,358	3,600	640	847	812	2,459	1,421	612	109	144	138	418
N. Dak.....	1,271	479	179	115	56	442	1,947	733	274	176	85	678
Ohio.....	16,972	6,387	1,205	2,331	1,721	5,328	1,572	592	112	216	159	493
Oklahoma.....	4,789	1,929	520	624	412	1,304	1,583	637	172	205	136	432
Oreg.....	5,534	2,076	496	506	319	2,137	2,102	788	189	192	121	812
Pa.....	18,910	6,604	1,429	3,102	1,272	6,503	1,594	557	120	261	107	549
R.I.....	1,838	611	97	327	144	659	1,941	645	102	346	152	696
S.C.....	4,481	1,885	288	447	635	1,226	1,435	604	92	143	203	393
S. Dak.....	1,185	414	210	115	55	390	1,715	599	303	167	80	566
Tenn.....	6,416	2,197	673	684	839	2,023	1,398	479	146	149	183	441
Texas.....	21,334	8,743	2,506	1,741	2,067	6,277	1,499	614	176	122	145	442
Utah.....	2,490	1,104	279	234	166	707	1,704	756	191	160	114	483
Vt.....	893	351	92	113	48	289	1,747	686	180	221	94	566
Va.....	8,562	3,355	896	860	725	2,725	1,601	628	168	161	136	508
Wash.....	8,608	3,403	894	936	670	2,706	2,083	824	216	226	162	655
W. Va.....	3,170	1,138	535	267	252	979	1,625	583	274	137	129	502
Wis.....	9,077	3,498	938	1,322	653	2,686	1,929	743	199	281	139	567
Wyo.....	1,307	476	214	48	121	448	2,783	1,014	456	103	257	953

<sup>1</sup> Based on enumerated resident population as of April 1, 1980.Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF81, No. 5.

## NO. 466. NEW ISSUES OF STATE AND LOCAL GOVERNMENT SECURITIES: 1970 TO 1982

[In billions of dollars]

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982
All issues, new capital and refunding <sup>1</sup> .....	18.2	30.6	35.3	46.8	48.6	43.5	48.5	47.7	79.0
General obligations .....	11.9	16.0	18.0	18.0	17.9	12.1	14.1	12.4	21.1
Revenue.....	6.1	14.5	17.1	28.7	30.7	31.3	34.3	35.3	57.9
Type of issuer:									
State.....	4.2	7.4	7.1	6.4	6.6	4.3	5.3	5.3	8.5
Special district and statutory authority .....	5.6	12.4	15.3	21.7	24.2	23.4	27.0	27.5	45.0
Municipalities, counties, townships <sup>2</sup> .....	8.4	10.7	12.8	18.6	17.7	15.6	16.1	14.9	25.5
Issues for new capital, total.....	18.1	29.5	32.1	36.2	37.6	41.5	46.7	46.5	74.6

<sup>1</sup> 1970 includes U.S. bonds and U.S. Government loans; thereafter, includes U.S. Government loans only.<sup>2</sup> Includes school districts.Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest*, and *Federal Reserve Bulletin*, monthly.

## State and Local Government Finances and Employment

No. 467. STATE AND LOCAL GOVERNMENTS—INDEBTEDNESS AND DEBT TRANSACTIONS:  
1970 TO 1981

[In billions of dollars, except per capita. As of end of fiscal year. Local government amounts are estimates subject to sampling variation; see source and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 680, Y 747, and Y 794, for debt outstanding.]

ITEM	DEBT OUTSTANDING						LONG-TERM		
	Total	Per capita <sup>1</sup> (dol.)	Long-term			Short-term	Net long-term	Debt issued	Debt retired
			Local schools	Utilities <sup>2</sup>	All other				
1970: Total	143.6	704	31.5	19.6	80.3	12.2	121.7	12.8	7.0
State	42.0	206	3.0	(NA)	35.9	3.1	34.5	3.9	1.9
Local	101.6	498	28.6	19.6	44.4	9.1	87.3	8.9	5.1
1975: Total	219.9	1,032	40.5	30.0	129.6	19.8	183.4	21.1	10.9
State	72.1	338	3.9	(NA)	63.7	4.6	58.4	8.4	2.9
Local	147.7	693	36.6	30.0	65.9	15.2	125.0	12.7	8.0
1977: Total	259.7	1,200	38.0	40.2	168.5	12.8	214.9	34.4	13.6
State	90.2	417	4.0	3.3	79.9	3.0	67.6	12.4	4.0
Local	169.5	783	33.9	36.8	88.7	9.8	147.3	22.0	9.5
1978: Total	280.4	1,286	33.0	42.4	193.6	11.4	225.2	40.0	16.7
State	102.6	472	4.1	3.7	91.9	2.9	72.1	17.0	5.9
Local	177.9	814	28.9	38.7	101.7	8.5	153.1	23.0	10.8
1979: Total	304.1	1,382	31.8	49.6	210.9	11.8	248.5	42.1	27.1
State	111.7	509	4.0	4.3	101.1	2.3	81.2	16.9	8.0
Local	192.4	873	27.8	45.3	109.8	9.5	167.3	25.2	19.1
1980: Total	335.6	1,482	32.3	55.2	235.0	13.1	262.9	42.4	17.4
State	122.0	540	3.8	4.6	111.5	2.1	79.8	16.4	5.7
Local	213.6	942	28.5	50.6	123.5	11.0	183.1	25.9	11.7
1981: Total	363.9	1,606	44.6	60.1	243.6	15.6	273.8	43.8	18.9
State	134.8	595	8.1	4.9	119.5	2.3	81.5	18.2	6.3
Local	229.0	1,011	36.5	55.2	124.1	13.2	192.3	25.6	12.7

NA Not available. <sup>1</sup> 1975-1979 based on estimated resident population as of July 1, 1970, based on enumerated resident population as of April 1, 1970; 1980 and 1981 based on enumerated resident population as of April 1, 1980. <sup>2</sup> Beginning 1977, data for State governments classified as "utility," rather than in "All other."

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual, and unpublished data.

## No. 468. STATE AND LOCAL GOVERNMENTS—DEBT OUTSTANDING, BY STATE: 1975 to 1981

[As of end of fiscal year; see text, p. 269. Local government amounts included here are estimates subject to sampling variability; see source and Appendix III]

STATE	TOTAL DEBT (mil. dol.)			PER CAPITA <sup>1</sup> (dol.)			STATE	TOTAL DEBT (mil. dol.)			PER CAPITA <sup>1</sup> (dol.)		
	1975	1980	1981	1975	1980	1981		1975	1980	1981	1975	1980	1981
U.S. ....	219,926	335,603	363,892	1,032	1,482	1,606	Mo. ....	2,818	4,230	4,555	592	860	926
Ala. ....	2,844	4,082	4,605	787	1,049	1,183	Mont. ....	394	853	1,194	527	1,083	1,518
Alaska....	1,230	4,039	5,225	3,493	10,098	13,010	Nebr. ....	2,322	4,604	4,739	1,502	2,933	3,019
Ariz. ....	2,054	4,752	5,346	923	1,748	1,966	Nev. ....	596	1,315	1,399	1,007	1,645	1,747
Ark. ....	1,089	2,017	2,327	514	883	1,018	N.H. ....	608	1,295	1,480	743	1,406	1,608
Calif. ....	20,079	24,209	26,259	948	1,023	1,109	N.J. ....	8,840	12,617	14,213	1,208	1,713	1,930
Colo. ....	1,943	3,801	4,452	767	1,316	1,541	N. Mex. ....	649	1,893	2,694	566	1,456	2,067
Conn. ....	4,848	5,787	6,417	1,566	1,862	2,085	N.Y. ....	39,111	46,496	47,185	2,158	2,648	2,687
Del. ....	973	1,622	1,751	1,680	2,726	2,947	N.C. ....	2,327	4,417	4,999	427	752	850
D.C. ....	2,316	2,658	2,703	3,235	4,166	4,234	N. Dak. ....	283	826	818	445	1,265	1,253
Fla. ....	6,553	10,474	12,570	784	1,075	1,290	Ohio. ....	8,119	10,481	11,268	755	971	1,044
Ga. ....	3,762	6,205	6,877	764	1,136	1,259	Oklahoma. ....	2,282	3,374	3,861	842	1,115	1,276
Hawaii....	1,452	2,181	2,145	1,678	2,260	2,224	Oreg. ....	2,899	7,026	8,347	1,267	2,668	3,170
Idaho....	252	672	784	307	712	831	Pa. ....	14,644	20,393	19,437	1,238	1,718	1,638
Ill. ....	8,961	15,283	16,502	804	1,338	1,444	R.I. ....	921	2,029	2,300	994	2,142	2,429
Ind. ....	2,663	3,925	4,379	501	715	798	S.C. ....	1,889	3,348	4,082	670	1,073	1,307
Iowa....	1,306	2,295	2,393	455	788	821	S. Dak. ....	195	1,134	1,130	285	1,643	1,635
Kans. ....	1,828	3,277	3,982	806	1,387	1,684	Tenn. ....	3,780	6,040	6,533	902	1,172	1,423
Ky. ....	3,855	7,422	7,475	1,135	2,027	2,042	Texas. ....	11,213	20,660	22,516	916	1,452	1,582
La. ....	3,995	7,089	8,666	1,054	1,686	2,060	Utah. ....	549	1,414	2,171	455	968	1,486
Maine....	786	1,339	1,445	742	1,190	1,284	Vt. ....	628	789	854	1,334	1,544	1,659
Md. ....	5,076	7,501	8,457	1,239	1,779	2,005	Va. ....	3,659	5,863	6,251	737	1,097	1,169
Mass. ....	7,700	10,237	10,743	1,321	1,784	1,873	Wash. ....	6,355	11,625	13,242	1,793	2,815	3,205
Mich. ....	8,480	11,118	11,715	926	1,201	1,265	W. Va. ....	1,572	3,247	3,700	872	1,665	1,897
Minn. ....	4,182	8,680	7,916	1,065	2,129	1,942	Wis. ....	3,152	5,673	6,107	684	1,206	1,298
Miss. ....	1,517	2,131	2,162	647	845	858	Wyo. ....	382	1,167	1,522	1,022	2,477	3,240

<sup>1</sup> 1975 based on Bureau of the Census estimated resident population as of July 1; 1980 and 1981 based on enumerated resident population as of April 1, 1980.

Source: U.S. Bureau of the Census, *Governmental Finances*, series GF No. 5, annual.

## No. 469. STATE GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[See also *Historical Statistics, Colonial Times to 1970*, series Y 710-782]

ITEM	TOTAL (mil. dol.)						PER CAPITA <sup>1</sup>	
	1970	1975	1978	1979	1980	1981	1970	1981
Borrowing and revenue	93,463	166,696	238,475	262,648	293,356	329,213	\$461	\$1,457
Borrowing	4,524	9,663	13,464	15,644	16,394	18,385	22	81
Revenue	88,939	157,033	226,011	247,004	276,962	310,628	439	1,376
General revenue	77,755	134,611	189,099	207,993	233,592	258,159	384	1,143
Taxes	47,962	60,155	113,261	124,908	137,075	149,738	237	663
Sales and gross receipts	27,254	43,346	58,270	63,668	67,855	72,751	135	322
General	14,177	24,780	35,280	39,505	43,168	46,412	70	205
Motor fuels	6,283	8,255	9,501	9,980	9,722	9,734	31	43
Alcoholic beverages	1,420	1,963	2,296	2,400	2,478	2,613	7	12
Tobacco products	2,308	3,286	3,654	3,640	3,738	3,893	11	17
Other	3,065	5,061	7,549	8,142	8,750	10,099	15	45
Licenses	4,615	6,289	7,654	8,215	8,690	9,492	23	42
Motor vehicles	2,728	3,655	4,473	4,779	4,936	5,266	13	23
Corporations in general	764	1,041	1,138	1,262	1,388	1,612	4	7
Other	1,123	1,592	2,043	2,173	2,386	2,614	6	12
Individual income	9,193	18,819	29,105	32,622	37,089	40,695	45	191
Corporation net income	3,738	6,642	10,738	12,128	13,321	14,143	18	63
Property	1,092	1,451	2,366	2,490	2,892	2,949	6	13
Other	2,081	3,607	5,129	5,784	7,227	9,506	10	42
Charges and miscellaneous	9,545	16,629	22,377	25,998	32,190	37,636	47	157
Intergovernmental revenue	20,248	37,827	53,461	57,087	64,326	70,786	100	313
From Federal Government	19,252	36,148	50,200	54,548	61,899	67,686	95	300
Public welfare	7,818	14,247	20,007	22,313	24,680	28,892	39	128
Education	4,554	7,879	9,819	10,710	12,765	14,100	23	62
Highways	4,431	5,280	6,301	7,015	8,860	9,369	22	41
Other	2,450	8,761	14,072	14,510	15,587	15,507	12	69
From local governments	995	1,680	3,261	2,539	2,434	2,918	5	13
Liquor stores revenue	1,748	2,129	2,388	2,504	2,785	2,805	9	12
Insurance trust revenue <sup>2</sup>	9,427	20,293	32,562	35,370	39,301	46,041	47	213
Employee retirement	5,205	10,182	16,026	18,341	21,146	25,122	26	111
Unemployment compensation	3,090	5,712	13,083	12,866	13,468	18,443	15	82
Utility revenue <sup>3</sup>	(NA)	962	1,137	1,304	1,823	(NA)		
Debt outstanding, yearend	42,008	72,127	102,569	111,740	121,558	134,847	208	597
Long-term	38,903	67,548	99,671	109,449	119,821	132,521	192	587
Full faith and credit	17,736	33,736	45,316	48,286	49,364	52,582	88	233
Nonguaranteed	21,167	33,812	53,355	61,163	70,457	79,940	105	354
Short-term	3,104	4,579	2,897	2,291	2,137	2,325	15	10
Net long-term	34,478	58,388	72,089	81,338	79,810	81,538	170	361
Full faith and credit only	14,832	29,503	39,147	40,401	39,357	41,429	73	183
Expenditure and debt redemption	87,151	161,804	208,533	230,163	263,494	297,465	430	1,316
Debt redemption	2,096	2,922	4,701	5,497	5,682	5,838	10	26
Expenditure	85,055	158,882	203,832	224,666	257,812	291,527	420	1,290
General expenditure <sup>4</sup>	77,642	138,303	179,802	200,534	228,223	253,654	384	1,123
Public welfare	13,206	25,559	35,776	38,893	44,219	51,463	65	228
Education	30,865	54,012	69,702	77,722	87,938	96,921	152	429
Highways	13,483	17,483	18,179	21,228	25,044	25,439	67	113
Health and hospitals	5,355	10,158	13,884	15,529	17,855	20,593	26	91
State hospitals	3,941	6,891	8,979	9,922	11,015	12,360	19	55
Other hospitals and health	1,415	3,267	4,905	5,607	6,840	8,233	7	36
Housing and urban renewal	120	632	337	424	601	688	1	3
Natural resources	2,223	3,554	3,411	3,808	4,246	5,008	11	22
Corrections	1,104	2,203	3,275	3,770	4,449	5,093	5	23
Police protection	741	1,423	1,826	2,034	2,263	2,558	4	11
Employment security	767	1,509	1,757	1,799	2,001	2,269	4	10
Financial administration	1,032	1,792	2,482	2,723	3,031	3,331	5	15
General control	717	1,495	2,331	2,812	3,232	3,419	4	15
Misc. and unallocable	8,029	18,483	26,542	29,791	33,242	36,871	40	163
Liquor stores expenditure	1,404	1,719	1,991	2,068	2,206	2,305	7	10
Insurance trust expenditure <sup>2</sup>	6,010	18,860	20,495	20,107	24,981	32,221	30	143
Employee retirement	2,376	5,160	7,811	8,937	10,256	11,419	12	51
Unemployment compensation	2,713	12,245	10,672	8,828	12,006	17,846	13	79
Utility expenditure <sup>3</sup>	(NA)	(NA)	1,544	1,957	2,401	3,347	(NA)	15
By character and object:								
Intergovernmental expenditure	28,892	51,978	67,287	75,975	84,504	93,180	143	412
Direct expenditure	56,163	106,905	136,545	148,691	173,307	198,348	277	878
Current operation	30,971	60,793	86,153	94,533	108,131	122,794	153	544
Capital outlay	13,295	17,307	16,064	19,124	23,325	24,286	66	108
Construction	11,185	14,443	13,260	15,930	19,736	20,632	55	91
Land and existing structures	1,240	1,475	1,171	1,229	1,345	1,152	6	5
Equipment	870	1,389	1,633	1,965	2,243	2,502	4	11
Assistance and subsidies	4,387	6,673	8,341	8,878	9,818	10,889	22	48
Interest on debt	1,499	3,272	5,493	6,048	7,052	8,157	7	36
Insurance benefits and repayments	6,010	18,860	20,495	20,107	24,981	32,221	30	143

NA Not available. <sup>1</sup>Based on estimated resident population as of July 1, except for 1981 based on enumerated resident population as of April 1, 1980. <sup>2</sup>Includes other items not shown separately. <sup>3</sup>For 1978 and subsequent fiscal years, utility revenue and expenditure have been compiled separately and not included with general revenue and expenditure.

<sup>4</sup>Intergovernmental and direct.

Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment*; and *State Government Finances*, series GF No. 3, annual.

## NO. 470. STATE GOVERNMENTS—REVENUE,

[In millions of dollars, except as indicated.]

STATE	Total revenue <sup>1</sup>	GENERAL REVENUE								DEBT OUTSTANDING	
		Total		Per capita <sup>2</sup>		Intergovernmental revenue		Taxes	Charges and miscellaneous		
		Amount	Rank	Total (dol.)	Rank	From Federal Government	From local governments				
U.S.	310,828	258,159	(x)	1,143	(x)	67,868	2,918	149,738	37,636	134,847	
Ala.	5,105	4,551	21	1,169	22	1,239	122	2,148	1,042	1,320	
Alaska	5,134	4,867	20	12,111	1	394	1	2,317	2,155	2,400	
Ariz.	3,405	2,776	31	1,021	36	559	21	1,786	410	140	
Ark.	2,529	2,228	36	974	41	780	7	1,189	251	472	
Calif.	39,552	32,623	1	1,378	8	8,412	209	20,505	3,497	8,983	
Colo.	3,501	2,904	30	1,005	38	844	11	1,446	603	713	
Conn.	3,673	3,449	26	1,110	26	827	4	2,072	547	4,411	
Del.	1,123	998	45	1,679	5	234	3	551	210	1,064	
Fla.	9,029	8,063	9	827	47	1,916	55	5,314	778	2,816	
Ga.	5,848	5,118	18	937	44	1,602	13	3,020	484	1,378	
Hawaii	2,085	1,831	37	1,898	4	385	6	1,088	352	1,854	
Idaho	1,224	989	46	1,047	32	304	2	537	146	379	
Ill.	14,250	11,891	5	1,041	34	3,181	103	7,323	1,286	6,920	
Ind.	5,488	4,880	19	889	45	1,229	13	2,809	830	1,024	
Iowa	3,670	3,128	29	1,073	29	798	37	1,836	456	439	
Kans.	2,715	2,374	34	1,004	39	628	15	1,392	339	420	
Ky.	4,618	4,031	22	1,101	28	1,192	13	2,276	550	3,028	
La.	5,895	5,352	15	1,272	15	1,367	2	2,905	1,178	3,489	
Maine	1,504	1,303	40	1,158	23	442	19	674	168	834	
Md.	5,891	5,259	17	1,247	18	1,341	28	2,956	935	3,982	
Mass.	7,676	7,252	10	1,264	17	1,888	212	4,336	815	6,283	
Mich.	15,035	11,069	6	1,195	20	2,928	233	6,177	1,731	3,471	
Minn.	6,729	5,672	13	1,392	7	1,436	65	3,374	798	2,396	
Miss.	3,053	2,638	32	1,046	33	888	22	1,397	331	794	
Mo.	4,435	3,794	23	772	50	1,176	12	2,143	463	1,335	
Mont.	1,289	1,053	43	1,339	12	376	5	465	207	303	
Nebr.	1,583	1,488	39	948	43	393	27	804	264	246	
Nev.	1,324	889	47	1,111	25	257	4	515	112	555	
N.H.	944	711	49	772	49	252	17	268	173	1,039	
N.J.	10,269	8,163	8	1,108	27	1,812	105	5,029	1,218	7,620	
N. Mex.	2,687	2,477	33	1,901	3	465	15	1,179	817	762	
N.Y.	30,003	23,539	12	1,341	11	6,667	844	13,918	2,109	24,657	
N.C.	6,721	5,792	12	985	40	1,587	107	3,431	666	1,351	
N. Dak.	1,204	1,080	42	1,655	6	243	18	451	368	212	
Ohio	14,241	9,297	7	861	46	2,469	99	5,241	1,488	4,715	
Oklahoma	4,094	3,737	25	1,235	19	815	25	2,232	664	1,733	
Oreg.	4,423	3,339	27	1,268	16	920	24	1,608	787	5,900	
Pa.	15,348	12,003	4	1,012	37	3,064	78	7,597	1,264	6,330	
R.I.	1,535	1,302	41	1,374	9	386	5	608	303	1,725	
S.C.	3,948	3,236	28	1,037	35	911	36	1,826	463	2,467	
S. Dak.	805	734	48	1,062	30	265	7	298	164	693	
Tenn.	4,271	3,787	24	825	48	1,322	32	1,958	474	1,473	
Texas	15,252	13,799	3	970	42	3,150	28	8,174	2,448	2,652	
Utah	2,053	1,680	38	1,150	24	531	9	849	290	578	
Vt.	795	688	50	1,344	10	259	3	294	131	673	
Va.	6,484	5,611	14	1,049	31	1,523	58	3,027	1,003	2,142	
Wash.	6,916	5,348	16	1,294	13	1,541	97	3,126	584	1,793	
W. Va.	2,931	2,319	35	1,189	21	760	4	1,270	286	1,843	
Wis.	7,201	6,036	11	1,283	14	1,617	39	3,629	751	2,591	
Wyo.	1,158	1,010	44	2,151	2	293	2	469	246	451	

X Not applicable. <sup>1</sup> Includes liquor stores, utilities, and insurance trust activities, not shown separately.

<sup>2</sup> Based on enumerated resident population as of April 1, 1980.

## DEBT, AND EXPENDITURE BY STATES: 1981

For fiscal year, see text p. 269]

DEBT OUT- STANDING— Con.		Total expendi- ture <sup>1</sup>	GENERAL EXPENDITURES								STATE
			Total <sup>3</sup>		Selected functions						
			Per capita <sup>2</sup>	Amount	Per capita <sup>2</sup>		Education	High- ways	Public welfare	Health and hospi- tals	Natural re- sources
Total (dol.)	Rank				Total (dol.)	Rank					
597	(x)	291,527	253,654	1,123	(x)	96,921	25,439	51,463	20,592	5,008	U.S.
338	35	4,374	3,927	1,009	38	1,803	527	523	372	83	Ala.
5,971	1	2,543	2,424	6,032	1	670	212	157	79	171	Alaska.
51	50	3,076	2,841	1,045	32	1,364	361	180	189	47	Ariz.
206	44	2,356	2,169	949	42	878	375	360	147	60	Ark.
380	33	38,846	34,525	1,459	6	13,427	1,617	9,486	2,142	803	Calif.
247	42	3,311	2,981	1,032	34	1,372	348	500	228	72	Colo.
1,420	6	3,740	3,274	1,064	31	931	263	701	319	29	Conn.
1,790	5	1,029	933	1,570	4	369	96	105	59	17	Del.
289	39	8,274	7,607	801	50	3,602	891	891	691	232	Fla.
252	41	5,401	4,979	911	44	2,118	618	884	452	124	Ga.
1,921	3	1,838	1,700	1,763	3	602	98	275	126	45	Hawaii.
401	29	1,139	1,001	1,060	30	433	140	115	58	49	Idaho.
606	21	13,934	11,776	1,031	35	4,310	1,446	2,808	738	143	Ill.
187	45	5,664	4,970	905	45	2,239	592	683	355	103	Ind.
151	49	3,617	3,210	402	26	1,415	459	545	242	81	Iowa.
178	47	2,618	2,377	1,005	39	1,011	387	427	187	67	Kans.
827	17	4,821	4,295	1,173	21	1,677	770	721	270	90	Ky.
829	16	5,825	5,216	1,240	15	1,984	707	772	513	143	La.
741	19	1,420	1,216	1,081	28	401	131	309	66	48	Maine.
944	15	5,788	5,056	1,199	18	1,660	564	912	482	76	Md.
1,095	10	7,986	7,258	1,265	13	1,772	458	2,082	725	54	Mass.
375	34	13,295	10,993	1,187	19	3,833	888	3,032	1,061	135	Mich.
588	22	6,050	5,512	1,352	10	2,040	544	1,079	366	154	Minn.
315	38	2,985	2,696	1,069	29	1,138	387	414	199	74	Miss.
272	40	4,422	4,006	815	49	1,575	510	799	361	97	Mo.
386	32	1,096	929	1,181	20	308	193	117	58	48	Mont.
157	48	1,558	1,495	952	40	496	255	210	131	62	Nebr.
693	20	1,230	927	1,158	24	384	156	100	46	21	Nev.
1,128	9	952	782	850	46	214	122	148	63	15	N.H.
1,035	11	10,280	8,455	1,148	25	2,524	430	1,699	702	160	N.J.
585	23	2,039	1,936	1,486	5	888	226	192	160	45	N. Mex.
1,404	7	27,780	23,261	1,325	11	7,172	1,352	5,946	2,254	107	N.Y.
230	43	6,571	6,004	1,021	36	2,904	573	805	510	143	N.C.
325	36	1,013	943	1,445	7	360	140	109	51	38	N. Dak.
437	27	13,269	9,890	916	43	3,877	954	2,100	1,135	128	Ohio.
573	24	3,791	3,321	1,098	27	1,486	433	630	242	54	Okla.
2,241	2	3,817	3,194	1,213	16	1,074	420	487	221	116	Oreg.
534	26	14,094	11,262	949	41	3,814	1,101	3,003	1,051	173	Pa.
1,821	4	1,461	1,300	1,373	9	380	64	332	142	11	R.I.
790	18	3,952	3,168	1,015	37	1,412	274	437	336	74	S.C.
1,004	12	836	801	1,160	23	224	150	111	43	33	S. Dak.
321	37	4,231	3,785	824	48	1,526	565	649	334	76	Tenn.
186	46	12,910	12,023	845	47	6,157	1,719	1,688	918	196	Texas.
396	31	1,896	1,696	1,161	22	809	222	230	126	55	Utah.
1,317	8	724	637	1,246	14	217	62	117	46	20	Vt.
401	30	6,092	5,567	1,041	33	2,230	797	804	593	73	Va.
434	28	6,911	5,834	1,412	8	2,686	663	949	443	175	Wash.
945	14	2,863	2,342	1,201	17	879	508	265	138	55	W. Va.
551	25	6,838	6,093	1,295	12	2,021	492	1,525	369	103	Wis.
959	13	968	865	1,843	2	256	180	48	43	29	Wyo.

<sup>3</sup> Includes amounts not shown separately.Source: U.S. Bureau of the Census, *State Government Finances in 1981*, series GF81, No. 3.

## No. 471. STATE GENERAL OPERATING FUND RESOURCES AND EXPENDITURES: 1982 TO 1984

<sup>1</sup>In millions of dollars, except percent. Fiscal year data. General operating funds exclude special funds earmarked for particular purposes, such as highway trust funds; they support most on-going broad-based State services, as opposed to long-term State capital projects and are available for appropriation to support any governmental activity. Minus sign (—) indicates deficit. For composition of regions see fig. I, inside front cover.]

REGION, DIVISION AND STATE	GENERAL FUND RESOURCES <sup>1</sup>			EXPENDITURES <sup>2</sup>			BALANCE					
	1982	1983 <sup>2</sup>	1984 <sup>2</sup>	1982	1983 <sup>2</sup>	1984 <sup>2</sup>	Total			As percent of expenditures <sup>4</sup>		
							1982	1983 <sup>2</sup>	1984 <sup>2</sup>	1982	1983 <sup>2</sup>	1984 <sup>2</sup>
U.S.	160,322	165,364	174,946	155,819	165,073	173,682	4,511	291	1,263	3.0	.2	.7
Regions:												
Northeast.....	38,776	41,537	45,046	38,620	41,714	44,911	157	-176	135	.4	-.4	.3
North Central.....	35,484	37,478	41,321	35,476	37,385	40,897	6	95	421	.3	1.0	
South.....	46,107	47,579	48,943	42,948	46,705	48,757	3,161	872	186	7.4	1.8	.4
West.....	39,956	38,770	39,637	38,776	39,270	39,117	1,188	-499	520	3.1	-1.3	1.3
N. Eng.....	9,520	10,191	11,047	9,568	10,242	11,023	-47	-51	24	-.5	-.5	.2
Maine.....	676	722	768	657	709	753	19	13	15	2.9	1.8	2.0
N.H.....	270	286	331	304	323	342	-33	-37	-11	-10.9	-11.5	-3.2
Vt.....	273	305	331	273	323	342	-	-18	-11	-	-5.6	-3.2
Mass.....	4,518	4,821	5,094	4,544	4,776	5,063	4	45	31	.1	1.0	.6
R.I.....	824	866	902	821	864	902	3	2	-	4	2	-
Conn.....	2,929	3,191	3,621	2,968	3,247	3,621	-40	-56	-	-1.4	-1.7	-
Mid. Atl.....	29,255	31,346	33,999	29,052	31,472	33,888	204	-125	111	.7	-.4	.3
N.Y.....	16,201	17,513	19,154	16,139	17,513	19,103	62	-	51	.4	-	.3
N.J.....	5,865	6,399	6,854	5,731	6,289	6,800	134	110	55	2.3	1.7	.8
Pa.....	7,190	7,434	7,991	7,182	7,670	7,985	8	-235	5	.1	-3.1	.1
E. No. Cent.....	24,694	26,614	29,117	24,379	26,691	28,784	314	-74	331	1.3	-.3	1.1
Ohio.....	6,091	7,206	8,095	6,041	7,194	8,014	50	13	80	.8	.2	1.0
Ind.....	2,181	2,224	2,892	2,161	2,176	2,854	-	49	39	-	2.4	1.5
Ill.....	8,462	8,688	8,533	8,275	8,538	8,983	187	150	150	2.4	1.9	1.9
Mich.....	4,459	4,705	5,323	4,452	4,705	5,322	6	-	-	.1	-	-
Wis.....	3,521	3,791	4,274	3,450	4,078	4,211	71	-286	62	2.1	-6.7	1.5
W. No. Cent.....	10,790	10,884	12,204	11,097	10,694	12,113	-308	169	90	-2.8	1.6	.7
Minn.....	3,911	3,729	4,523	4,508	3,720	4,673	-598	9	-150	13.8	.2	-3.2
Iowa.....	1,785	1,921	2,075	1,763	1,873	2,023	-22	48	51	1.3	2.5	2.5
Mo.....	2,128	2,281	2,430	2,065	2,228	2,375	63	53	55	3.1	2.4	2.3
N. Dak.....	543	443	521	434	427	491	109	16	30	26.2	3.8	6.1
S. Dak.....	289	288	296	269	281	291	20	7	5	7.4	2.5	1.7
Nebr.....	708	742	761	724	751	739	-16	-9	22	-2.2	-1.2	3.0
Kans.....	1,426	1,460	1,598	1,334	1,414	1,521	92	45	77	6.9	3.2	5.1
So. Atl.....	21,993	22,799	24,412	21,144	22,692	24,266	851	107	146	4.0	.5	.6
Del.....	696	730	768	645	680	714	51	50	54	7.9	7.4	7.6
Md.....	3,086	3,265	3,431	2,930	3,228	3,425	156	37	6	5.3	1.2	.2
Va.....	3,134	3,225	3,366	2,937	3,225	3,365	198	-	1	8.3	-	-
W. Va.....	1,313	1,323	1,384	1,235	1,315	1,366	78	8	18	6.3	.6	1.3
N.C.....	3,384	3,498	3,696	3,276	3,497	3,696	109	1	-	3.3	-	-
S.C.....	1,778	1,912	2,049	1,778	1,912	2,048	-	-	-	-	-	-
Ga.....	3,533	3,686	4,018	3,533	3,686	4,018	-	-	-	-	-	-
Fla.....	5,069	5,160	5,701	4,810	5,149	5,634	259	11	67	5.4	.2	1.2
E. So. Cent.....	6,979	7,239	7,794	6,840	7,181	7,780	139	57	14	2.0	.8	.2
Ky.....	2,122	2,298	2,498	2,080	2,282	2,495	42	15	3	2.0	.7	.1
Tenn.....	1,786	1,856	1,998	1,752	1,845	1,987	34	11	11	1.9	.6	.6
Ala.....	1,799	1,849	1,897	1,775	1,849	1,897	24	-	-	1.4	-	-
Miss.....	1,272	1,236	1,401	1,233	1,205	1,401	39	31	-	3.2	2.6	-
W. So. Cent.....	17,135	17,541	16,797	14,984	16,832	16,711	2,171	708	26	14.5	4.2	.2
Ark.....	1,091	1,143	1,211	1,091	1,143	1,211	-	-	-	-	-	-
La.....	4,594	3,991	3,776	4,286	3,987	3,772	298	4	4	6.9	.1	.1
Okla.....	1,993	1,996	1,677	1,129	1,284	1,246	1,677	377	74	-	23.3	3.9
Tex.....	9,457	10,411	10,073	7,961	9,780	10,051	1,498	630	22	28.6	6.4	.2
Mt.....	6,994	7,415	7,647	6,494	7,187	7,378	500	228	269	7.7	3.2	3.6
Mont.....	382	364	366	348	342	353	34	22	13	9.8	6.4	3.7
Idaho.....	408	452	454	408	452	453	-	-	1	-	-	-
Wyo.....	459	467	461	302	446	446	157	21	15	52.0	4.7	3.4
Colo.....	1,446	1,631	1,831	1,431	1,568	1,726	15	63	105	1.1	4.0	6.2
N. Mex.....	1,338	1,327	1,304	1,129	1,284	1,246	209	43	58	18.5	3.3	4.7
Ariz.....	1,630	1,693	1,767	1,621	1,673	1,750	9	20	17	.6	1.2	1.0
Utah.....	919	1,008	1,037	889	991	1,020	30	15	17	3.4	1.5	1.7
Nev.....	412	475	427	366	431	384	46	44	43	12.9	10.0	11.2
Pac.....	32,962	31,356	31,990	32,282	32,083	31,739	688	-727	251	2.1	-2.3	.8
Wash.....	3,459	3,569	3,829	3,208	3,564	3,908	251	5	-79	7.8	.1	-2.0
Oreg.....	1,289	1,449	1,567	1,436	1,447	1,620	-139	2	-33	-9.7	.1	-2.0
Calif.....	21,809	21,020	22,194	21,709	21,905	22,004	100	-885	190	.5	-4.0	.9
Alaska.....	4,965	3,827	2,852	4,699	3,773	2,762	266	54	90	6.2	-4.0	3.3
Hawaii.....	1,440	1,490	1,528	1,230	1,394	1,445	210	97	83	17.1	7.0	5.7

<sup>-</sup> Represents zero. <sup>1</sup> Includes funds budgeted and balances from previous year. <sup>2</sup> Estimates. <sup>3</sup> Includes transfers (plus or minus). <sup>4</sup> Based on expenditures excluding transfers (plus or minus).

Source: National Governors' Association and National Association of State Budget Officers, Washington, D.C., *Fiscal Survey of the States*, annual.

**No. 472. STATE GOVERNMENT TAX COLLECTIONS, 1982, AND EXCISE TAXES, 1983, BY TYPE OF TAX—STATES**

[1982 tax collections preliminary. Tax collections for fiscal year; see text page 269. Collections include local shares of State-imposed taxes. Excise taxes as of September 1]

STATE	STATE TAX COLLECTIONS (mil. dol.)							EXCISE TAXES <sup>2</sup>		
	Total <sup>1</sup>	Sales and gross receipts			Individual income	Corporation net income	Motor vehicle and operators' licenses	General sales and gross receipts (percent)	Cigarettes (cents per package)	Gasoline (cents per gal.)
		Total <sup>1</sup>	General sales or gross receipts	Motor fuels						
U.S. <sup>3</sup>	162,659	78,800	50,343	10,437	6,681	45,709	14,006	6,051	(x)	(x)
Ala.	2,196	1,341	629	238	174	481	123	40	4 4 D	16 11
Alaska	2,539	65	(x)	31	14	1	704	14	(x)	8 8
Ariz.	1,856	1,037	801	122	64	439	115	94	4 5 F & D	13 12
Ark.	1,264	680	419	133	75	354	92	69	4 3 D	21 9.5
Calif.	21,819	9,672	7,721	835	419	7,468	2,644	611	4 4 7.5 F & D	10 9
Colo.	1,690	873	613	139	62	549	91	59	4 5 3.5 F & D	10 12
D.C. <sup>3</sup>	1,227	403	248	22	18	340	72	19	6 F & D	13 14.8
Del.	595	87	(x)	35	18	286	36	25	(x)	14 11
Fla.	5,556	4,190	2,784	432	583	(x)	384	268	5 F & D	21 4
Ge.	3,281	1,698	1,088	351	184	1,183	268	59	4 3	12 7.5
Hawaii	1,066	717	577	33	22	283	43	8	4	(*) 8.5
Idaho	579	240	146	57	16	220	46	41	4 4.5 D	9.1 14.5
Ill.	7,429	3,728	2,333	365	249	2,222	714	376	4 5 F & D	12 11
Ind.	3,064	1,973	1,510	286	120	749	126	110	5 F & D	10.5 11.1
Iowa	1,997	854	523	180	77	721	147	151	4 F & D	18 13
Kans.	1,443	696	471	116	68	460	123	74	4 3 D	16 10
Ky.	2,491	1,134	682	202	39	601	167	59	5 F & D	3 10
La.	3,127	1,422	927	191	122	220	282	58	4 3 F & D	11 8
Maine	731	395	249	50	55	210	36	36	5 F & D	16 14
Md.	3,193	1,403	797	192	102	1,355	149	91	5 F & D	13 13.5
Mass.	4,804	1,607	917	269	230	2,324	598	119	5 F & D	26 11
Mich.	6,307	2,617	1,844	422	232	2,127	652	245	4 F & D	21 13
Minn.	3,799	1,528	875	259	144	1,549	325	170	4 6 F & D	18 16
Miss.	1,462	981	767	102	70	168	11	49	5 5.5 D	11 9
Mo.	2,313	1,189	839	194	86	761	123	116	4 4.125 D	13 7
Mont.	529	103	(x)	49	27	144	45	25	(x)	16 15
Nebr.	661	491	289	126	39	227	48	46	4 6 10.4 D	18 15.3
Nev.	745	638	376	56	25	(x)	(x)	33	4 5.75 F & D	15 10.25
N.H.	326	153	(x)	60	32	15	80	33	(x)	12 14
N.J.	5,577	2,865	1,379	288	237	1,306	725	274	6 F & D	25 8
N. Mex.	1,228	699	534	87	31	16	60	41	4 6 3.75	12 11
N.Y.	15,438	5,232	3,197	444	487	8,034	1,342	334	4 4 F & D	21 8
N.C.	3,790	1,673	780	372	134	1,449	277	160	4 3 D	2 12
N. Dak.	533	219	147	35	16	35	38	30	4 F & D	18 13
Ohio	5,619	3,309	1,819	527	272	1,244	548	304	4 5 F & D	14 12
Okla.	2,713	907	482	138	134	641	139	176	4 2 D	18 6.58
Oreg.	1,552	191	(x)	91	58	968	124	112	(x)	9 8
Pa.	8,186	4,063	2,229	573	397	1,985	870	406	6 F & D	18 11
R.I.	675	366	200	49	34	215	53	18	6 F & D	23 13
S.C.	1,959	1,073	647	214	122	642	132	45	4 D	7 13
S. Dak.	329	283	179	56	20	(x)	1	16	4 6 4 D	15 13
Tenn.	2,146	1,630	1,118	280	137	44	207	118	4 4.5 D	13 9
Tex.	9,100	5,697	3,481	496	614	(x)	(x)	341	4 4 F & D	18.5 5
Utah	951	513	388	84	19	331	41	23	4 11 4.625 D	12 11
Vt.	332	151	48	25	24	113	25	29	4 F & D	12 13
Va.	3,236	1,357	671	325	91	1,446	177	113	4 4 D	2.5 11
Wash.	3,528	2,546	1,892	261	193	(x)	(x)	114	4 6.5 F & D	23 16
W. Va.	1,469	1,029	781	95	44	306	34	56	5 F & D	17 10.5
Wis.	3,934	1,561	961	286	161	1,680	323	132	5 F & D	25 15
Wyo.	763	280	228	38	8	(x)	(x)	38	4 13 3 D	8 8

X Not applicable. <sup>1</sup> Includes amounts for types of taxes not shown separately. <sup>2</sup> Source: Advisory Commission on Intergovernmental Relations, Wash., D.C. <sup>Significant Features; Fiscal Federalism</sup>, annual; F=food exempt from sales tax; D=prescription drugs exempt from sales tax. <sup>3</sup> D.C. excluded from U.S. total.

<sup>4</sup> Rates include local taxes when mandatory. <sup>5</sup> The rate is to revert to 3% on 3/1/84. <sup>6</sup> A sales tax credit (of varying amounts for each State) is granted on the State income tax form. The credit is not available in Hawaii for taxpayers with adjusted gross incomes greater than \$20,000.

<sup>7</sup> 40% of wholesale price. <sup>8</sup> Effective 1/1/84. Until then, the State rate is 4% and food and drugs are taxed at 2%. <sup>9</sup> The rate is 5% until 1/1/84 and will revert to 5% on 1/1/87. <sup>10</sup> The rate is to revert to 3.5% after 4/30/84.

<sup>11</sup> The rate is to revert to 4.125% after 9/30/84. <sup>12</sup> Although not mandatory, all locations impose a 1% tax on top of the State imposed 3%. <sup>13</sup> A sales tax refund is provided for low-income elderly and disabled persons.

Source: Except as noted, U.S. Bureau of the Census, *State Government Tax Collections in 1982*, series GF82, No. 1.

**NO. 473. GROSS REVENUE OF SELECTED STATES FROM PARIMUTUEL AND AMUSEMENT TAXES AND LOTTERIES, 1980 AND 1981, AND BY STATE, 1981**

[For fiscal years; see text, p. 269]

STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	Amusement taxes (mil. dol.)	LOTTERY REVENUE		STATE	Gross revenue (mil. dol.)	Parimutuel taxes (mil. dol.)	Amusement taxes (mil. dol.)	LOTTERY REVENUE	
				Total (mil. dol.) <sup>1</sup>	Percent for prizes					Total (mil. dol.) <sup>1</sup>	Percent for prizes
1980.....	3,153.7	731.5	234.1	2,188.1	52.3	Nebr.....	8.2	7.6	.6	(x)	(x)
1981 <sup>2</sup> .....	3,724.5	751.8	259.6	2,713.1	52.4	Nev.....	147.1	.4	146.7	(x)	(x)
Ariz.....	10.9	10.9	(x)	(x)	(x)	N.H.....	20.6	9.4	(x)	11.2	48.7
Ark.....	16.5	16.5	(x)	(x)	(x)	N.J.....	484.6	15.1	72.3	396.2	52.5
Calif.....	133.5	133.3	.2	(x)	(x)	N. Mex.....	3.2	3.1	.1	(x)	(x)
Colo.....	9.4	9.1	.3	(x)	(x)	N.Y.....	336.6	116.2	1.0	219.4	46.2
Conn.....	206.8	53.3	11.7	141.8	55.0	Ohio.....	305.0	24.8	(x)	280.2	53.6
Del.....	20.6	1.5	(x)	19.1	52.6	Oreg.....	4.7	4.7	(x)	(x)	(x)
Fla.....	107.5	105.2	2.3	(x)	(x)	Pa.....	418.9	25.2	.1	393.6	52.2
Ill.....	275.4	70.7	7.2	197.5	50.9	R.I.....	38.2	6.9	.1	31.2	54.6
Ky.....	14.7	14.4	.3	(x)	(x)	S.C.....	4.2	(x)	4.2	(x)	(x)
La.....	22.2	22.0	.2	(x)	(x)	S. Dak.....	2.4	2.4	(x)	(x)	(x)
Maine.....	7.4	1.7	(x)	5.7	54.8	Vt.....	3.4	1.1	(x)	2.3	53.3
Md.....	363.7	16.5	.8	366.4	49.8	Wash.....	8.6	8.6	(z)	(x)	(x)
Mass.....	226.3	32.3	9.2	184.8	56.4	W. Va.....	13.8	13.8	(x)	(x)	(x)
Mich.....	487.6	23.9	.1	463.6	54.6						

X Not applicable. Z Less than \$50,000.

<sup>1</sup> Excludes commissions.

<sup>2</sup> Includes States whose gross revenues were less than \$1,000,000.

Source: U.S. Bureau of the Census, *State Government Finances in 1981*, series GF81, No. 3 and *State Government Tax Collections in 1981*, series GF81, No. 1.

**NO. 474. STATE GOVERNMENT REVENUE FROM SEVERANCE TAXES, BY STATE, 1975 TO 1982**

[In millions of dollars. Severance taxes are taxes imposed distinctively on the removal of natural products, such as oil, gas, other minerals, timber, and fish, from land or water and measured by value and/or quantity of products removed or sold. See source for information on particular taxes (including changes in tax rates) and additional analytical detail. For fiscal years; see text p. 269. For composition of regions, see fig. I, inside front cover]

REGION AND STATE	1975	1980	1981	1982, prel.	REGION AND STATE	1975	1980	1981	1982, prel.
Total.....	1,741	4,208	6,379	7,830	Mississippi.....	21.6	52.5	87.9	117.0
Regions:					Missouri.....	(x)	(z)	(z)	(z)
Northeast.....	.2	.3	.1	(z)	Montana.....	14.7	94.6	99.2	149.4
North Central.....	54.0	224.2	303.1	409.8	Nebraska.....	1.0	2.9	4.2	6.0
South.....	1,514.7	2,892.5	4,158.4	4,733.1	Nevada.....	.2	(z)	(z)	(x)
West.....	168.9	1,090.5	1,917.7	2,686.7	New Hampshire.....	.2	.3	.1	(z)
Alabama.....	10.9	32.4	60.7	63.5	New Mexico.....	71.2	213.6	322.6	377.8
Alaska.....	26.6	506.5	1,170.2	1,571.6	North Carolina.....	(x)	1.3	1.4	1.2
Arkansas.....	7.3	18.1	26.7	29.8	North Dakota.....	6.9	43.9	103.4	186.7
California.....	2.3	26.0	21.9	27.9	Ohio.....	3.8	4.5	4.2	4.0
Colorado.....	2.4	31.1	35.9	49.2	Oklahoma.....	128.1	436.1	601.5	742.7
Florida.....	30.0	121.3	169.2	157.6	Oregon.....	3.1	50.6	56.9	50.5
Idaho.....	.5	1.9	2.2	2.5	South Dakota.....	(x)	2.4	6.1	9.3
Indiana.....	.5	1.6	1.8	1.8	Tennessee.....	1.6	2.2	2.6	2.5
Kansas.....	.7	1.1	1.0	1.0	Texas.....	666.9	1,525.1	2,197.7	2,378.6
Kentucky.....	99.1	177.2	194.4	256.8	Utah.....	6.2	10.6	16.0	22.3
Louisiana.....	548.5	525.3	815.2	982.1	Virginia.....	.7	1.0	1.1	1.3
Michigan.....	4.6	43.5	82.9	81.6	Washington.....	23.2	49.9	54.5	46.1
Minnesota.....	35.9	123.8	98.9	118.6	Wisconsin.....	.5	.4	.6	.8
					Wyoming.....	18.5	105.7	138.3	389.4

X Not applicable. Z Less than \$50,000.

Source: U.S. Bureau of the Census, *State Government Tax Collections in 1982*, series GF82, No. 1, and earlier issues.

**NO. 475. FINANCES OF STATE-ADMINISTERED UNEMPLOYMENT COMPENSATION SYSTEMS,  
1970 TO 1982, AND BY STATE, 1982**

[In millions of dollars. For fiscal year ending in year shown; see text, page 270]

DIVISION AND STATE	REVENUE			EXPENDITURE			ASSETS <sup>4</sup>		
	Total	State—		Federal advances and contributions <sup>3</sup>	Total	Regular	Extended and special	Total	Trust fund account <sup>5</sup>
		Contribution <sup>1</sup>	Interest <sup>2</sup>						
1970.....	3,090	2,524	566	(NA)	2,713	(NA)	(NA)	12,236	12,270
1975.....	5,712	5,135	577	(NA)	9,536	(NA)	(NA)	6,876	6,790
1976.....	16,460	6,166	243	10,057	18,820	9,766	9,054	4,425	4,372
1977.....	15,213	8,523	232	6,459	14,611	8,601	6,010	4,956	4,931
1978.....	13,083	9,894	261	2,926	10,572	7,930	2,743	7,450	7,429
1979.....	12,866	11,761	476	630	8,828	7,789	1,040	11,359	11,314
1980.....	13,468	11,616	797	1,055	12,006	11,012	994	11,945	11,969
1981.....	10,443	11,167	954	6,321	17,846	13,170	4,677	11,634	11,721
1982, total.....	16,922	11,962	1,103	3,858	18,126	16,451	1,675	6,787	6,968
N. Eng.....	951	867	50	33	930	878	50	631	637
Maine.....	65	60	-	5	74	66	8	18	19
N.H.....	35	26	9	1	36	35	1	76	76
Vt.....	31	30	-	1	38	36	2	11	10
Mass.....	535	479	41	14	452	430	21	431	435
R.I.....	111	102	-	9	113	98	15	27	27
Conn.....	174	170	-	3	217	213	3	68	70
Mid. Atl.....	3,320	2,784	79	458	3,343	3,122	221	973	1,000
N.Y.....	1,207	1,105	79	23	1,004	981	23	819	835
N.J.....	761	709	-	53	838	740	98	97	108
Pa.....	1,352	970	-	382	1,501	1,401	100	57	57
E. No. Cent.....	5,216	2,568	23	2,625	5,302	4,604	697	165	224
Ohio.....	1,347	567	-	780	1,242	1,197	145	-21	-
Ind.....	295	237	17	31	357	307	50	140	129
Ill.....	1,516	932	-	584	1,546	1,345	201	66	95
Mich.....	1,541	615	-	926	1,577	1,327	249	-9	-
Wis.....	527	217	6	304	480	426	52	-11	-11.2
W. No. Cent.....	1,082	738	45	299	1,162	1,076	87	351	357
Minn.....	349	199	-	150	351	320	31	-5	-4.6
Iowa.....	187	142	8	37	257	234	23	4	20
Mo.....	311	202	2	107	299	271	28	49	51
N. Dak.....	38	36	1	1	36	35	1	10	10
S. Dak.....	19	17	1	-	16	16	-	9	10
Nebr.....	51	41	9	1	56	55	1	79	79
Kans.....	127	101	24	3	147	145	3	205	205
So. Atl.....	1,599	1,222	272	104	1,893	1,775	118	2,329	2,334
Del.....	56	38	-	17	45	42	3	19	18
Md.....	189	130	41	17	288	261	27	306	311
O.C.....	68	51	-	17	99	82	17	-2	-2.6
Va.....	190	177	7	6	206	200	6	39	34
W. Va.....	176	163	-	13	173	160	13	28	33
N.C.....	281	207	61	14	380	356	24	488	488
S.C.....	136	110	18	10	206	188	18	120	123
Ga.....	212	155	51	7	261	254	7	437	436
Fla.....	289	191	94	3	235	232	3	894	891
E. So. Cent.....	800	641	51	111	925	824	101	438	439
Ky.....	257	203	1	53	281	267	13	48	43
Tenn.....	228	181	14	34	321	275	47	70	76
Ala.....	178	157	9	14	205	179	26	64	64
Miss.....	137	100	27	10	118	103	15	256	256
W. So. Cent.....	677	590	66	21	844	818	24	516	519
Ark.....	105	99	-	6	128	118	8	5	8
La.....	224	198	20	6	322	315	6	121	121
Okla.....	64	61	21	2	94	92	2	189	189
Tex.....	264	232	25	7	300	293	7	201	201
Mt.....	566	438	91	34	679	627	50	718	728
Mont.....	54	47	3	4	60	54	6	14	15
Idaho.....	62	45	8	9	100	82	17	41	41
Wyo.....	33	24	7	1	36	35	1	63	63
Colo.....	91	78	9	3	139	135	3	59	61
N. Mex.....	59	44	12	3	49	46	3	107	110
Ariz.....	101	67	30	4	105	101	4	268	267
Utah.....	80	68	6	6	102	94	8	32	35
Nev.....	85	65	16	4	88	80	8	134	136
Pac.....	2,714	2,116	428	171	3,051	2,727	324	665	727
Wash.....	428	350	37	41	554	463	91	231	246
Oreg.....	252	199	26	20	361	311	50	205	211
Calif.....	1,858	1,425	343	90	1,988	1,822	166	19	60
Alaska.....	110	89	11	10	78	63	15	108	108
Hawaii.....	66	53	11	2	70	68	2	102	102

— Represents zero or rounds to zero. <sup>1</sup> Not available. <sup>2</sup> State Unemployment Compensation Tax (net amount received from employers and employees including penalties and interest). <sup>3</sup> Credited by U.S. Government. <sup>4</sup> Beginning 1978 represents net contributions allowing for deductions of repayments of federal advances. <sup>5</sup> In U.S. Treasury. <sup>6</sup> State clearing and benefit accounts. Minus sign indicates negative balance.

Source: U.S. Bureau of the Census, *State Government Finances*, series GF No. 3, annual. Based on data reported by Department of Labor.

## No. 476. NUMBER OF LOCAL GOVERNMENTS, BY TYPE—STATES: 1977 AND 1982

[Limited to governments actually in existence. Excludes, therefore, a few counties and numerous townships and "incorporated places" existing as areas for which statistics can be presented as to population and other subjects, but lacking any separate organized county, township, or municipal government]

STATE	1977			1982					Special district governments			
	All local governmental units <sup>1</sup>	School district governments	Special district governments	All local governmental units	County governments	Municipal governments	Township governments <sup>2</sup>	School district governments	Total <sup>1</sup>	Natural resources	Fire protection	Housing and community development
U.S.	79,862	15,174	25,962	82,290	3,041	19,076	16,734	14,851	28,588	6,232	4,560	3,295
Ala.	949	127	336	1,018	67	434	-	127	390	67	2	157
Alaska	150	-	-	156	8	142	-	-	6	-	-	6
Ariz.	420	230	106	452	14	76	-	232	130	81	-	-
Ark.	1,346	380	424	1,424	75	472	-	372	505	226	29	135
Calif.	3,806	1,109	2,227	4,102	57	428	-	1,111	2,506	525	381	87
Colo.	1,459	185	950	1,544	62	267	-	185	1,030	174	202	56
Conn.	434	16	236	479	-	33	149	16	281	-	48	91
Del.	210	25	127	217	3	56	-	19	139	134	-	3
D.C.	2	-	1	2	-	1	-	-	1	-	-	-
Fla.	911	95	361	969	66	391	-	95	417	129	56	94
Ga.	1,263	188	387	1,268	158	533	-	187	390	30	-	210
Hawaii	19	-	15	18	3	1	-	-	14	14	-	-
Idaho	972	117	612	1,018	44	198	-	117	659	178	101	12
Ill.	6,620	1,063	2,745	6,467	102	1,280	1,434	1,049	2,602	907	771	98
Ind.	2,854	307	885	2,865	91	564	1,008	305	897	115	-	52
Iowa	1,852	464	334	1,871	99	955	-	456	361	218	64	5
Kans.	3,725	327	1,219	3,795	105	627	1,367	326	1,370	261	-	102
Ky.	1,183	181	478	1,241	119	425	-	180	517	126	75	21
La.	458	66	30	468	62	301	-	66	39	18	-	-
Maine	779	86	178	806	16	22	475	98	195	11	-	30
Md.	426	-	252	439	23	152	-	-	264	193	-	20
Mass.	766	75	326	796	12	39	312	81	354	14	12	219
Mich.	2,633	606	168	2,643	83	532	1,245	599	184	85	-	-
Minn.	3,437	440	263	3,529	87	855	1,795	436	356	108	-	163
Miss.	835	166	304	858	82	292	-	169	315	234	-	60
Mo.	2,937	574	1,007	3,117	114	926	325	557	1,195	156	115	142
Mont.	958	465	311	1,029	54	126	-	399	450	118	94	20
Nebr.	3,485	1,195	1,192	3,324	93	535	470	1,059	1,157	112	427	134
Nev.	182	17	132	184	16	17	-	17	134	31	18	15
N.H.	506	159	103	517	10	13	221	160	113	9	15	19
N.J.	1,517	549	380	1,591	21	323	245	548	454	15	146	77
N. Mex.	313	88	100	319	33	96	-	89	101	71	-	6
N.Y.	3,309	740	964	3,249	57	615	928	726	923	1	841	-
N.C.	874	-	302	905	100	484	-	-	321	146	-	112
N. Dak.	2,707	346	587	2,795	53	365	1,360	325	692	82	279	37
Ohio	3,285	631	312	3,393	88	941	1,318	669	377	97	22	54
Oklta.	1,675	625	406	2,212	77	581	-	638	916	107	6	134
Oreg.	1,447	375	797	1,454	36	241	-	352	825	193	248	24
Pa.	5,246	581	2,035	5,198	66	1,019	1,549	514	2,050	3	1	92
R.I.	120	3	78	122	-	8	31	3	80	4	36	27
S.C.	585	93	182	645	46	265	-	92	242	45	59	46
S. Dak.	1,727	194	148	1,767	64	312	996	196	199	107	16	39
Tenn.	905	14	471	913	94	335	-	15	469	129	-	103
Tex.	3,883	1,138	1,425	4,180	254	1,121	-	1,124	1,681	391	18	396
Utah	492	40	207	504	29	224	-	40	211	72	5	9
Vt.	647	272	67	664	14	57	237	273	83	14	14	8
Va.	389	-	65	407	95	229	-	-	83	42	-	-
Wash.	1,666	302	1,060	1,734	39	265	-	300	1,130	157	414	42
W. Va.	595	55	258	633	55	231	-	55	292	15	-	38
Wis.	2,518	410	190	2,592	72	580	1,269	408	263	154	-	100
Wyo.	385	55	217	395	23	91	-	56	225	113	45	-

- Represents zero.

<sup>1</sup> Includes other types of governments not shown separately.

6 New England States and in Minnesota, New York, and Wisconsin.

<sup>2</sup> Includes "town" governments in theSource: U.S. Bureau of the Census, *Census of Governments: 1977 and 1982*, vol. 1, No. 1, *Governmental Organization*.

**NO. 477. COUNTY, MUNICIPAL, AND TOWNSHIP GOVERNMENTS, 1982, AND THEIR ESTIMATED POPULATION, 1980, BY POPULATION-SIZE GROUPS**

[Number of governments as of January 1982; population as of April 1980. Township governments include "towns" in the 6 New England States, Minnesota, New York, and Wisconsin]

POPULATION-SIZE GROUP	COUNTY GOVERNMENTS		MUNICIPAL GOVERNMENTS		TOWNSHIP GOVERNMENTS	
	Number, 1982	Population, 1980	Number, 1982	Population, 1980	Number, 1982	Population, 1980
		Number (1,000)		Number (1,000)		Number (1,000)
Total...	3,041	203,754	100.0	19,076	141,036	100.0
250,000 or more...	156	102,551	50.3	57	41,311	29.3
100,000-249,999...	218	33,325	16.4	112	16,305	11.6
50,000-99,999...	374	26,234	12.9	250	17,310	12.3
25,000-49,999...	611	21,516	10.6	525	18,316	13.0
10,000-24,999...	957	15,856	7.8	1,253	19,666	13.9
5,000-9,999...				1,515	10,721	7.6
2,500-4,999...				2,078	7,352	5.2
1,000-2,499...				3,772	6,043	4.3
Less than 1,000...	725	4,273	2.1	9,514	4,010	2.8

Source: U.S. Bureau of the Census, *Census of Governments: 1982*, vol. 1, No. 1, *Governmental Organization*.

**NO. 478. COUNTY GOVERNMENTS—SUMMARY OF FINANCES, 1975 TO 1981, AND PER CAPITA, BY POPULATION-SIZE GROUP, 1981**

[Per capita based on population as of April 1, 1980. Covers fiscal years ending between July 1 of preceding year and June 30 of year stated. Represents all counties and their dependent agencies (including dependent school systems where applicable).]

ITEM	ALL COUNTIES (mil. dol.)					PER CAPITA (dollars), 1981					
	1975	1978	1979	1980	1981	All counties		Counties with 1980 population (in 1,000) of—			
						Total (3,044) <sup>1</sup>	Per- cent dis- tribu- tion	Less than 100 <sup>2</sup> (2,670) <sup>1</sup>	100- 199.9 (162) <sup>1</sup>	200- 299.9 (72) <sup>1</sup>	300 or more (120) <sup>1</sup>
<b>General revenue</b> .....	<b>32,893</b>	<b>46,048</b>	<b>50,197</b>	<b>54,573</b>	<b>60,583</b>	<b>297.38</b>	<b>100.0</b>	<b>274.80</b>	<b>255.73</b>	<b>266.39</b>	<b>331.26</b>
Intergovernmental revenue <sup>3</sup> .....	14,755	20,879	23,891	24,746	26,788	131.49	44.2	115.85	111.83	123.38	149.87
From State govt.....	11,842	15,388	18,097	18,969	21,168	109.91	34.8	92.16	84.19	97.57	119.11
From Federal govt.....	2,385	4,825	4,941	4,948	4,712	23.13	7.8	19.73	24.59	21.91	25.46
General revenue sharing .....	1,595	1,721	1,735	1,746	1,696	8.32	2.6	10.08	7.21	7.14	7.58
Tax revenue <sup>3</sup> .....	12,660	17,435	16,958	18,813	20,667	101.45	34.1	86.80	89.14	78.33	120.00
Property.....	10,316	14,017	13,067	14,300	15,798	77.55	26.1	67.55	68.15	62.05	90.42
Charges and misc.....	5,478	7,735	9,348	11,014	13,128	64.44	22.5	72.15	54.77	64.67	61.38
<b>General expenditure</b> .....	<b>32,744</b>	<b>44,762</b>	<b>49,160</b>	<b>54,291</b>	<b>59,915</b>	<b>294.10</b>	<b>100.0</b>	<b>273.09</b>	<b>254.78</b>	<b>269.18</b>	<b>325.02</b>
Capital outlay.....	4,850	5,078	5,818	6,505	6,642	32.80	11.1	30.97	26.14	29.44	36.17
Other.....	27,894	39,664	43,342	47,786	53,273	261.50	88.9	242.14	228.65	239.69	288.85
Public welfare.....	6,169	8,212	8,009	8,591	9,746	47.84	16.3	26.27	38.17	54.47	64.99
Education.....	5,643	6,963	7,568	8,412	9,201	45.16	15.4	59.94	49.30	27.99	36.54
Highways.....	3,458	4,035	4,671	5,227	5,694	27.66	9.4	43.54	25.19	21.80	17.83
Hospitals.....	3,337	4,754	5,221	5,975	6,473	31.77	10.8	35.74	18.29	26.43	33.57
General control.....	1,986	2,893	3,121	3,374	3,748	16.39	6.3	15.56	16.47	18.12	21.03
Police protection.....	1,450	2,150	2,396	2,661	3,093	15.18	5.2	12.94	14.37	12.82	17.50
Financial administration.....	883	1,235	1,349	1,521	1,679	8.24	2.8	8.55	7.92	7.97	8.16
General public buildings.....	824	970	1,059	1,072	1,128	5.54	1.9	6.11	6.06	5.30	5.02
Health.....	1,428	2,227	2,506	2,806	3,182	15.62	5.3	11.43	14.10	18.12	18.62
Correction.....	980	1,433	1,548	1,759	2,031	9.97	3.4	5.01	7.60	10.20	14.20
Natural resources.....	510	574	594	687	721	3.54	1.2	3.17	2.18	1.90	4.50
Parks and recreation.....	741	941	984	1,094	1,216	5.97	2.0	2.61	4.00	4.18	3.31
Interest on general debt.....	795	1,122	1,275	1,542	1,896	9.31	3.2	9.06	7.64	9.98	9.81
Other and unallocable.....	4,541	7,251	8,867	9,570	10,170	49.92	17.0	33.13	43.52	49.95	63.95
<b>Debt outstanding, end of year</b> .....	<b>18,935</b>	<b>24,938</b>	<b>27,952</b>	<b>32,993</b>	<b>38,021</b>	<b>186.63</b>	<b>100.0</b>	<b>176.39</b>	<b>176.14</b>	<b>193.74</b>	<b>195.61</b>
Long-term.....	17,617	23,876	26,864	31,543	36,022	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Short-term.....	1,318	1,063	1,088	1,450	1,999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA. Not available. <sup>1</sup>Figures in parentheses represent number of counties in each size group.

<sup>2</sup>Data are estimates subject to sampling variation; see Appendix III and source.

<sup>3</sup>Includes other intergovernmental revenue not shown separately.

Source: U.S. Bureau of the Census, *County Government Finances*, series GF, No. 8, annual.

**NO. 479. GROSS ASSESSED VALUE OF PROPERTY AND GOVERNMENT REVENUE FROM PROPERTY TAXES: 1966 TO 1981**

[In billions of dollars, except percent. Minus sign (-) indicates decrease]

ITEM	1966	1971	1973	1975	1976	1978	1979	1980	1981
Gross assessed value of property.....	499.0	717.8	872.6	1,096.3	1,229.1	1,502.2	1,678.8	(NA)	(NA)
State assessed.....	41.6	53.5	59.4	74.8	84.8	102.2	113.5	(NA)	(NA)
Locally assessed.....	457.4	664.2	813.2	1,021.5	1,144.3	1,400.0	1,565.3	(NA)	(NA)
Real property.....	393.2	573.9	704.6	861.6	992.5	1,211.2	1,356.5	(NA)	(NA)
Percent of locally assessed.....	86.0	86.4	86.6	86.3	86.4	86.5	86.8	(NA)	(NA)
Net assessed value of locally taxable property <sup>2</sup> .....	484.1	694.6	845.0	1,062.8	1,189.4	1,438.4	1,607.3	(NA)	(NA)
Percent of gross assessed.....	97.0	96.8	96.8	97.0	96.8	95.8	95.7	(NA)	(NA)
REVENUE FROM PROPERTY TAXES									
Total revenue, State and local.....	24.7	37.9	45.3	51.5	57.0	66.4	64.9	68.5	75.0
Percent of general revenue.....	29.7	26.1	23.8	22.6	22.3	21.0	18.9	17.9	17.7
Percent of tax revenue.....	43.6	39.9	37.4	36.4	36.3	34.3	31.6	30.7	30.7
Revenue, State governments.....	.8	1.1	1.3	1.5	2.1	2.4	2.5	2.9	2.9
Percent of all revenue.....	1.5	1.1	1.0	.9	1.1	1.1	1.0	1.0	.9
Percent of tax revenue.....	2.8	2.2	1.9	1.8	2.4	2.1	2.0	2.1	2.0
Revenue, local governments.....	23.8	36.7	44.0	50.0	54.9	64.1	62.5	65.6	72.0
Annual average percent change from prior year shown.....	9.3	9.0	7.6	6.6	9.7	8.1	-2.6	5.1	9.8
Percent of all revenue.....	40.2	36.4	34.1	32.2	30.8	29.8	26.6	25.4	25.0
Percent of tax revenue.....	87.1	84.6	82.9	81.6	81.2	80.0	77.5	75.9	76.0

NA Not available. <sup>1</sup>Includes 1978 value data for Ill., Ind., Mich., Minn., Miss., Nev., N.J., N.Y., N.C., Pa., R.I., S.C., and W.

Va. <sup>2</sup>Value subject to local general property taxation, including State-assessed property, after deduction of partial exemptions.

<sup>3</sup>Change from 1965.

Source: U.S. Bureau of the Census, *Census of Governments: 1967 and 1977*, vol. 2; *Property Values Subject to Local General Property Taxation in the United States: 1973, 1975, 1978, and 1979*, series GSS Nos. 69, 80, 92, and 98; and *Governmental Finances*, series GF, No. 5, annual.

**NO. 480. LOCAL GOVERNMENT GENERAL REVENUE, BY SOURCE: 1981**

[In millions of dollars. For fiscal year; see text, p. 269. Local government estimates subject to sampling variability, see Appendix III and source. For composition of regions, see fig. I, inside front cover]

STATE	Total	INTERGOVERNMENTAL		FROM OWN SOURCES		STATE	Total	INTERGOVERNMENTAL		FROM OWN SOURCES	
		Federal	State	Total	Taxes			Federal	State	Total	Taxes
U.S.	257,179	22,427	69,017	145,736	94,776	So. Atl.—Con.					
Regions:						Md.	4,969	550	1,583	2,837	2,012
Northeast.....	65,237	4,618	21,390	39,228	29,917	D.C.	2,447	1,137	(X)	1,311	1,131
North Central.....	64,189	5,930	20,697	37,561	24,688	Va.	4,675	431	1,507	2,737	2,030
South.....	69,386	7,384	22,319	39,685	23,338	W. Va.	1,451	137	598	716	362
West.....	58,371	4,499	24,613	29,264	16,840	N.C.	4,648	459	1,960	2,230	1,307
N. Eng.	12,217	1,207	3,145	7,885	6,536	S.C.	2,123	188	797	1,197	597
Maine.....	813	75	252	487	388	Ga.	5,313	556	1,409	3,347	1,546
N.H.....	735	68	122	544	483	Fla.	10,147	1,040	3,298	5,809	2,971
Vt.....	358	34	75	249	211	E. So. Cent.	11,240	1,052	4,145	6,043	3,167
Mass.....	6,791	781	1,878	4,132	3,396	Ky.	2,424	266	1,108	1,050	608
R.I.....	760	—	201	481	427	Tenn.	3,811	366	1,012	2,433	1,436
Conn.....	2,760	171	617	1,972	1,651	Ala.	2,960	258	1,078	1,624	727
Mid. Atl.	53,020	3,411	18,245	31,363	23,381	Miss.	2,045	162	947	936	396
N.Y.....	32,451	1,831	11,201	19,419	14,700	W. So. Cent.	21,864	1,756	6,820	13,288	7,992
N.J.....	8,978	511	3,245	5,221	4,021	Ark.	1,583	133	633	798	362
Pa.....	11,591	1,069	3,799	6,723	4,660	La.	4,106	395	1,466	2,245	1,311
E. No. Cent.	45,905	4,442	14,656	26,808	18,173	Oklahoma	2,556	225	928	1,403	822
Ohio.....	10,460	1,017	3,597	6,247	4,184	Tex.	13,639	1,003	3,793	8,842	5,497
Ind.....	5,007	398	1,920	2,688	1,731	Mt.	12,710	940	4,383	7,391	4,542
Ill.....	13,062	1,492	3,455	8,115	5,983	Mont.	817	67	195	554	401
Mich.....	11,158	1,166	3,135	6,857	4,505	Idaho	769	65	296	409	227
Wis.....	5,818	369	2,549	2,901	1,770	Wyo.	958	43	254	662	331
W. No. Cent.	18,284	1,488	6,041	10,753	6,515	Colo.	3,491	208	1,023	2,261	1,514
Minn.....	5,499	398	2,391	2,709	1,394	N. Mex.	1,230	136	624	470	254
Iowa.....	3,202	187	1,132	1,873	1,193	Ariz.	3,105	297	1,203	1,605	965
Mo.....	4,280	505	1,157	2,617	1,741	Utah	1,301	81	483	738	483
N. Dak.....	626	46	232	349	193	Nev.	1,039	43	305	692	367
S. Dak.....	591	63	137	390	289	Pac.	45,661	3,569	20,230	21,873	12,298
Nebr.....	1,690	120	375	1,195	725	Wash.	4,808	363	1,944	2,501	1,161
Kans.....	2,396	159	617	1,620	980	Oreg.	3,230	332	893	2,005	1,305
So. Atl.....	36,282	4,576	11,354	20,354	12,174	Calif.	36,067	2,699	16,920	16,449	9,324
Del.....	509	78	202	230	118	Alaska	1,092	71	437	584	252
						Hawaii	464	94	36	334	256

X Not applicable.

Source: U.S. Bureau of the Census, *Governmental Finances in 1980-81*, series GF81, No. 5.

## NO. 481. CITY GOVERNMENTS—SUMMARY OF FINANCES: 1970 TO 1981

[In millions of dollars, except percent. Represents all municipalities (see table 476) and their dependent agencies (including dependent school systems where applicable); excludes other local governments overlying city areas. See text, p. 270. Includes sample-based estimates for cities of less than 50,000; thus subject to sampling variation. See Appendix III and source.]

ITEM	1970	1975	1978	1979	1980	1981	PERCENT OF TOTAL	
							1970	1981
Revenue .....	32,704	59,744	80,125	86,884	94,862	105,431	100.0	100.0
General revenue .....	26,521	49,853	65,486	70,328	76,056	83,247	81.4	79.0
Intergovernmental revenue .....	7,906	19,648	25,833	27,598	28,270	29,811	24.2	28.3
From State governments only .....	6,173	13,053	14,482	15,472	15,939	16,998	18.9	16.1
Taxes .....	13,647	21,135	27,833	28,762	31,256	34,104	41.7	32.3
Property .....	9,127	13,046	16,293	16,063	16,859	18,278	27.8	17.3
Percent of total taxes .....	66.9	81.7	56.5	55.8	53.9	53.6	(X)	(X)
Sales and gross receipts .....	2,423	4,555	6,508	7,295	8,208	8,956	7.4	8.5
General .....	1,479	2,789	3,996	4,483	5,096	5,648	4.5	5.4
Selective .....	912	1,786	2,512	2,813	3,112	3,309	2.9	3.1
Income, licenses and other .....	2,088	3,534	5,029	5,403	6,789	6,869	6.4	6.5
Charges and miscellaneous .....	5,066	9,071	11,824	13,968	16,530	19,302	15.5	18.3
Current charges only .....	3,113	5,443	7,685	8,787	9,875	11,200	9.5	10.6
Utility and liquor store revenue .....	5,168	8,409	12,501	13,953	15,719	18,411	15.8	17.5
Water system .....	2,201	3,266	4,293	4,683	4,989	5,638	6.7	5.3
Electric power system .....	1,883	3,602	6,283	7,131	8,007	9,459	5.8	9.0
Gas supply system .....	282	448	741	900	1,444	1,797	.9	1.7
Transit system .....	671	821	970	1,015	1,032	1,246	2.1	1.2
Liquor stores .....	121	192	214	224	247	271	.4	.3
Insurance trust revenue .....	915	1,482	2,136	2,584	3,088	3,772	2.8	3.6
Expenditure .....	34,173	60,703	77,283	83,594	93,699	104,470	100.0	100.0
General expenditure <sup>1</sup> .....	27,682	48,935	60,964	65,597	72,433	79,435	81.0	76.0
Police protection .....	2,994	5,420	6,891	7,460	8,200	8,959	8.8	8.6
Fire protection .....	1,762	2,968	3,855	4,083	4,535	4,973	5.2	4.8
Highways .....	2,499	3,861	4,740	5,286	5,977	6,745	7.3	6.5
Sewerage and other sanitation .....	2,553	5,229	6,251	6,963	7,907	9,159	7.5	8.8
Public welfare .....	2,215	3,846	4,357	3,817	3,801	4,051	6.5	3.9
Education .....	4,548	7,164	7,973	8,409	9,264	9,925	13.3	9.5
Libraries .....	407	632	732	778	883	956	1.2	.9
Health and hospitals .....	1,944	3,641	3,618	3,933	4,457	4,626	5.7	4.4
Parks and recreation .....	1,306	2,274	2,798	3,150	3,433	3,742	3.8	3.6
Housing and urban renewal .....	1,154	1,752	2,084	2,580	3,459	4,148	3.4	4.0
Airports .....	435	615	772	922	1,100	1,245	1.3	1.2
Financial administration .....	457	819	1,399	1,682	1,843	1,932	1.3	1.8
General control .....	776	1,440	1,738	1,863	2,015	2,262	2.3	2.2
General public buildings .....	430	845	914	984	1,090	1,165	1.3	1.1
Interest on general debt .....	1,098	2,294	2,869	2,819	3,054	3,646	3.2	3.5
Other and unallocable .....	3,104	6,135	9,873	10,872	11,395	11,901	9.1	11.4
Utility and liquor store expenditure .....	5,489	9,896	13,912	15,329	18,274	21,586	16.1	20.7
Water system .....	2,337	3,776	4,921	5,247	5,933	6,894	6.8	6.6
Electric power system .....	1,811	3,779	6,402	7,154	6,596	10,148	5.3	9.7
Gas supply system .....	260	407	653	822	1,334	1,770	.8	1.7
Transit system .....	974	1,765	1,746	1,905	2,189	2,527	2.9	2.4
Liquor stores .....	107	169	190	201	222	247	.3	.2
Insurance trust expenditure .....	1,002	1,872	2,408	2,666	2,993	3,449	2.9	3.3
By character and object:								
Direct expenditure .....	33,792	59,989	75,353	81,822	91,892	102,403	99.0	99.0
Current operation .....	22,895	41,451	55,371	60,289	66,887	73,793	67.0	70.6
Capital outlay .....	7,103	12,054	12,145	13,472	16,285	18,580	20.8	17.8
Construction and equipment <sup>2</sup> .....	6,371	11,216	9,944	11,079	13,341	15,173	18.6	14.5
Land and existing structures <sup>2</sup> .....	733	838	2,201	2,393	2,944	3,407	2.1	3.3
Assistance payments .....	1,245	1,594	1,584	1,534	1,546	1,804	3.6	1.5
Interest on debt .....	1,547	3,018	3,848	3,861	4,182	4,976	4.5	4.8
Insurance benefits, repayments .....	1,002	1,872	2,408	2,666	2,992	3,449	2.9	3.3
Intergovernmental expenditure .....	381	714	1,930	1,772	2,007	2,058	1.1	2.0
Total salaries and wages <sup>3</sup> .....	14,784	24,635	29,606	31,667	34,709	37,206	43.4	35.6
Debt outstanding, year end .....	43,773	65,239	78,167	78,075	86,019	91,302	100.0	100.0
Long-term .....	38,870	55,788	74,983	74,953	82,345	87,086	86.8	95.4
Full faith and credit .....	22,005	31,886	40,828	39,020	39,570	37,791	50.3	41.4
Nonguaranteed .....	16,883	23,903	34,155	35,933	42,776	49,295	38.5	54.0
Short-term .....	4,803	9,450	3,184	3,122	3,673	4,216	11.2	4.6
Net long-term debt outstanding .....	36,087	51,437	67,023	67,682	72,528	76,331	82.4	83.6
Long-term debt issued .....	3,810	5,754	11,302	10,257	12,582	11,005	(X)	(X)
Long-term debt retired .....	2,310	3,656	4,865	10,858	5,541	5,651	(X)	(X)

X Not applicable. <sup>1</sup>Includes intergovernmental expenditure. <sup>2</sup>Beginning 1978, equipment included with land and existing structures. <sup>3</sup>Included in items shown above.

## NO. 482. CITY GOVERNMENTS—FINANCES, BY POPULATION-SIZE GROUPS: 1981

[Represents all municipalities (see table 476) and their dependent agencies, including dependent school systems where applicable]

ITEM	All cities	CITIES HAVING A 1980 POPULATION OF—						
		Less than 50,000 <sup>1</sup>	50,000 to 99,999	100,000 to 199,999	200,000 to 299,999	300,000 to 499,999	500,000 to 999,999	1,000,000 or more
Number of cities, 1980.....	18,993	18,565	248	97	23	26	17	6
Population, 1980 (1,000).....	140,958	66,103	17,238	13,039	5,475	9,958	11,616	17,529
<b>FINANCES, 1981 (mil. dol.)</b>								
General revenue <sup>2</sup> .....	83,247	22,444	8,344	7,723	3,474	6,982	10,440	23,839
Intergovernmental <sup>2</sup> .....	29,841	6,643	2,663	2,829	1,299	2,575	4,280	9,551
From State governments.....	16,998	3,383	1,555	1,522	645	1,142	1,977	6,774
From Federal government.....	11,283	2,568	976	1,113	572	1,287	2,128	2,639
Revenue sharing.....	2,473	899	270	220	113	207	245	519
Taxes <sup>2</sup> .....	34,104	8,960	3,561	2,999	1,341	2,557	4,083	10,603
Property.....	18,278	5,445	2,395	1,994	637	1,156	2,078	4,573
Percent of total taxes.....	53.6	60.8	67.3	66.5	47.5	45.2	50.9	43.1
Sales and gross receipts.....	8,956	2,294	826	737	416	873	1,046	2,764
Current charges.....	11,200	3,850	1,205	1,141	473	982	1,264	2,285
Water supply and other utility.....	18,140	7,929	1,537	1,769	591	1,178	1,919	3,217
General expenditure <sup>2</sup> .....	79,435	22,477	8,305	7,585	3,523	6,744	9,658	21,142
Education.....	9,925	1,613	1,141	1,313	525	535	1,209	3,589
Highways.....	6,745	3,039	805	671	253	498	733	746
Public welfare.....	4,051	103	56	104	68	107	551	3,062
Health and hospitals.....	4,626	1,138	356	307	126	349	711	1,639
Police and fire protection.....	13,932	4,612	1,685	1,437	633	1,261	1,505	2,799
Sewerage and sanitation.....	9,159	3,481	965	809	377	734	1,047	1,746
Housing and urban renewal.....	4,148	636	464	369	217	398	501	1,563
Interest on general debt.....	3,646	1,100	353	338	191	361	447	656
Water supply and other utility.....	21,339	8,920	1,797	2,157	773	1,475	2,298	3,921
Gross debt outstanding.....	91,302	31,433	9,028	8,412	4,884	9,205	10,238	18,102
Long-term.....	87,086	30,102	8,555	8,015	4,590	8,916	9,730	17,176
Short-term.....	4,216	1,331	473	397	294	289	508	924
PERCENT DISTRIBUTION								
General revenue <sup>2</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Intergovernmental.....	35.8	29.6	31.9	36.6	37.4	36.9	41.0	40.1
Taxes <sup>2</sup> .....	41.0	39.9	42.7	38.8	38.6	36.6	39.1	44.5
Property.....	22.0	24.3	28.7	25.8	18.3	16.6	19.9	19.2
Sales and gross receipts.....	10.8	10.2	9.9	9.5	12.0	12.5	10.0	11.6
Current charges.....	13.5	17.2	14.4	14.8	13.6	14.1	12.1	9.6
General expenditure <sup>2</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Education.....	12.5	7.2	13.7	17.3	14.9	7.9	12.5	17.0
Highways.....	8.5	13.5	9.7	8.8	7.2	7.4	7.6	3.5
Public welfare.....	5.1	5	.7	1.4	1.9	1.6	5.7	14.5
Health and hospitals.....	5.8	5.1	4.3	4.0	3.6	5.2	7.4	7.8
Police and fire protection.....	17.6	20.5	20.3	16.9	18.0	18.7	15.6	13.2
Sewerage and sanitation.....	11.5	15.5	11.6	10.7	10.7	10.9	10.8	8.3
Housing and urban renewal.....	5.2	2.8	5.6	4.9	6.2	5.9	5.2	7.4
Interest on general debt.....	4.6	4.9	4.3	4.5	5.4	5.4	4.6	4.0
PER CAPITA <sup>3</sup> (\$dollars)								
General revenue <sup>2</sup> .....	591	340	484	592	635	701	899	1,360
Intergovernmental <sup>2</sup> .....	212	100	154	217	237	259	368	545
From State governments.....	121	51	90	117	118	115	170	386
From Federal government.....	80	39	57	85	104	129	183	151
Revenue sharing.....	18	14	16	17	21	21	21	30
Taxes <sup>2</sup> .....	242	136	207	230	245	257	352	605
Property.....	130	82	139	153	116	116	179	261
Sales and gross receipts.....	64	35	48	57	76	88	90	158
Current charges.....	79	58	70	88	86	99	109	130
Water supply and other utility.....	129	120	89	136	108	118	165	184
General expenditure <sup>2</sup> .....	564	340	482	582	643	677	831	1,206
Education.....	70	24	66	101	96	54	104	205
Highways.....	48	46	47	51	46	50	63	43
Public welfare.....	29	2	3	8	12	11	47	175
Health and hospitals.....	33	17	21	24	23	35	61	94
Police and fire protection.....	99	70	98	110	115	127	130	160
Sewerage and sanitation.....	65	53	56	62	69	74	90	100
Housing and urban renewal.....	29	10	27	28	40	40	43	89
Interest on general debt.....	26	17	20	26	35	36	38	49
Water supply and other utility.....	151	135	104	166	142	148	198	224
Gross debt outstanding.....	648	476	524	645	892	924	881	1,033
Long-term.....	618	455	496	615	838	895	838	980
Short-term.....	30	20	27	30	54	29	44	53

<sup>1</sup> Data are estimates subject to sampling variation, see source and Appendix III.<sup>2</sup> Includes items not shown separately.<sup>3</sup> Based on resident population enumerated as of April 1, 1980.

**NO. 483. CITY GOVERNMENTS—PER CAPITA AMOUNTS FOR SELECTED FINANCIAL ITEMS FOR LARGEST CITIES: 1970 TO 1981**

*[Cities ranked by size of population enumerated as of April 1, 1980, except Honolulu ranked by county population. General expenditure, taxes, and indebtedness data reflect inclusion of fiscal activity of dependent school systems, where applicable. Intercity comparisons should be made with caution due to variations in responsibilities among urban areas; for details, see text, p. 270, and source. 1970 and 1981 data based on resident population enumerated as of April 1, 1970 and 1980, respectively; 1975 data based on resident population estimated as of July 1, 1976.]*

CITIES RANKED BY POPULATION SIZE, 1980 (1,000)	Population, 1980 <sup>1</sup> (1,000)	GENERAL EXPENDITURE			TAXES			GROSS DEBT OUTSTANDING		
		1970	1975	1981	1970	1975	1981	1970	1975	1981
New York, N.Y. <sup>2</sup> .....	7,071	\$838	\$1,522	\$2,036	\$383	\$635	\$1,053	\$1,101	\$1,935	\$1,400
Chicago, Ill. ....	3,005	205	310	610	113	188	263	326	411	399
Los Angeles, Calif. ....	2,967	169	306	451	110	175	255	483	837	964
Philadelphia, Pa. <sup>2</sup> .....	1,688	299	499	966	183	242	500	556	701	1,102
Houston, Tex. ....	1,594	112	224	481	82	137	253	365	495	881
Detroit, Mich. ....	1,203	234	449	976	148	208	300	438	550	732
Dallas, Tex. ....	904	159	301	501	106	178	260	348	587	693
San Diego, Calif. ....	876	137	233	371	63	100	155	176	188	151
Phoenix, Ariz. ....	790	130	312	524	72	106	156	295	497	703
Baltimore, Md. <sup>2</sup> .....	787	639	1,045	1,462	222	303	442	649	644	912
San Antonio, Tex. ....	785	88	167	352	50	67	107	290	485	1,479
Honolulu, Hawaii <sup>2</sup> .....	783	204	322	412	134	178	277	367	304	280
Indianapolis, Ind. <sup>2</sup> .....	701	127	325	662	67	121	180	205	368	444
San Francisco, Calif. <sup>2</sup> .....	679	603	853	1,400	300	588	551	575	732	1,305
Memphis, Tenn. ....	646	294	483	778	75	110	166	588	829	898
Washington, D.C. ....	636	1,011	1,980	3,142	517	741	1,773	621	1,571	2,676
Milwaukee, Wis. ....	636	219	289	532	93	116	125	344	364	579
San Jose, Calif. ....	628	156	229	381	66	105	184	235	259	256
Cleveland, Ohio ....	574	198	362	635	127	134	273	454	597	709
Columbus, Ohio ....	565	192	261	576	58	116	176	451	549	1,124
Boston, Mass. <sup>2</sup> .....	563	554	1,088	1,554	349	532	881	465	846	1,023
New Orleans, La. <sup>2</sup> .....	557	182	344	696	102	145	280	387	456	951
Jacksonville, Fla. <sup>2</sup> .....	541	135	381	571	74	99	165	456	1,027	1,261
Seattle, Wash. ....	494	209	390	659	75	155	265	537	943	986
Denver, Colo. <sup>2</sup> .....	491	306	581	924	136	230	407	522	720	873
Nashville-Davidson, Tenn. <sup>2</sup> .....	456	360	606	664	171	290	465	718	940	1,449
St. Louis, Mo. <sup>2</sup> .....	453	225	382	693	162	251	434	254	304	329
Kansas City, Mo. ....	448	245	396	689	111	210	403	570	695	584
El Paso, Tex. ....	425	92	144	310	59	82	123	218	197	141
Atlanta, Ga. ....	425	236	422	973	92	162	288	538	1,237	2,369
Pittsburgh, Pa. ....	424	192	251	566	119	132	289	278	287	528
Oklahoma City, Okla. ....	403	232	364	570	122	164	257	251	438	978
Cincinnati, Ohio ....	385	502	856	792	114	208	335	606	647	455
Fort Worth, Tex. ....	385	123	212	430	72	116	181	286	492	533
Minneapolis, Minn. ....	371	178	407	655	92	144	190	183	424	1,315
Portland, Oreg. ....	366	196	292	619	95	124	242	162	120	951
Long Beach, Calif. ....	361	260	412	863	81	142	202	82	357	518
Tulsa, Okla. ....	361	125	309	465	54	118	234	453	784	1,401
Buffalo, N.Y. ....	358	357	726	1,171	143	224	273	519	711	693
Toledo, Ohio. ....	355	171	291	522	77	104	170	198	305	459
Miami, Fla. ....	347	135	231	425	105	143	261	268	300	590
Baton Rouge, La. <sup>2</sup> .....	346	146	264	542	87	148	254	413	833	1,605
Austin, Tex. ....	345	169	324	572	61	97	176	661	899	2,717
Oakland, Calif. ....	339	232	364	732	122	164	235	251	438	1,074
Albuquerque, N. Mex. ....	332	181	287	533	85	64	139	399	371	1,287
Tucson, Ariz. ....	331	149	329	438	66	115	190	271	647	478
Newark, N.J. ....	329	451	854	1,252	281	314	289	317	422	479
Charlotte, N.C. ....	314	156	318	469	78	133	194	336	546	761
Omaha, Nebr. ....	312	116	359	458	65	119	233	145	310	449
Louisville, Ky. ....	298	331	429	579	95	139	248	667	932	844
Birmingham, Ala. ....	284	136	336	384	59	150	260	397	871	1,065
Wichita, Kans. ....	279	222	377	1,008	71	93	164	679	833	2,403
Sacramento, Calif. ....	276	208	272	482	101	132	208	379	401	270
Tampa, Fla. ....	272	139	313	536	91	114	207	341	438	623
St. Paul, Minn. ....	270	214	345	697	83	127	159	449	718	2,013
Norfolk, Va. <sup>2</sup> .....	267	411	672	897	140	252	379	537	739	630
Virginia Beach, Va. <sup>2</sup> .....	262	284	566	827	123	223	336	321	405	578
Rochester, N.Y. ....	242	531	688	1,316	169	292	439	425	964	1,005
Akron, Ohio. ....	237	200	267	540	77	130	198	280	552	463
St. Petersburg, Fla. ....	237	120	224	408	86	85	136	235	233	849
Corpus Christi, Tex. ....	232	91	156	277	63	88	150	201	309	381
Jersey City, N.J. ....	224	339	602	1,271	182	270	269	325	505	531
Anaheim, Calif. ....	222	142	235	516	70	110	184	169	310	931
Richmond, Va. <sup>2</sup> .....	219	530	897	1,293	210	393	621	787	1,303	1,618

<sup>1</sup> Based on 1980 Census of Population and Housing, Advance Reports, Series PHC 80-V-2 to 52.

<sup>2</sup> Represents, in effect, city-county consolidated government.

Source: U.S. Bureau of the Census, City Government Finances, series GF No. 4, annual.

No. 484. CITY GOVERNMENTS—FINANCES,<sup>1</sup>

[In millions of dollars. For fiscal year closed]

CITIES RANKED BY POPULATION SIZE, 1980 <sup>2</sup>	REVENUE							Gross debt outstanding	
	Total <sup>2</sup>	General revenue			Taxes				
		Intergovernmental revenue		Total <sup>3</sup>	Property	Sales and gross receipts	Utility revenue		
		From State and local govt.	From Federal Govern-ment						
New York, N.Y. <sup>4</sup>	17,939	16,763	5,987.3	1,160.8	7,446.1	3,344.2	1,858.0	1,175.7	9,898
Chicago, Ill.	1,874	1,764	296.3	472.5	791.6	344.7	352.2	109.8	1,200
Los Angeles, Calif.	2,928	1,695	155.8	268.5	756.0	277.7	331.5	1,233.4	2,859
Philadelphia, Pa. <sup>4</sup>	2,038	1,565	307.2	174.0	844.3	202.1	7.8	473.1	1,860
Houston, Tex.	872	753	17.7	106.5	403.7	223.7	171.4	119.1	1,404
Detroit, Mich.	1,404	1,298	307.6	456.6	360.8	180.3	43.4	105.0	881
Dallas, Tex.	476	407	8.0	53.6	295.4	129.6	101.3	69.7	627
San Diego, Calif.	448	391	60.1	61.8	195.7	44.5	81.1	57.2	132
Phoenix, Ariz.	450	407	89.9	79.7	123.1	41.1	75.9	42.8	555
Baltimore, Md. <sup>4</sup>	1,351	1,321	614.4	219.7	347.7	223.6	33.3	30.3	718
San Antonio, Tex.	714	275	9.6	87.5	83.9	45.3	35.9	439.2	1,162
Honolulu, Hawaii <sup>4</sup>	427	373	17.4	88.4	211.2	166.3	24.4	54.1	199
Indianapolis, Ind. <sup>4</sup>	463	457	115.5	125.1	126.4	120.5	2.8	6.2	311
San Francisco, Calif. <sup>4</sup>	1,345	1,225	336.7	175.1	374.4	181.2	111.5	119.3	886
Memphis, Tenn.	1,016	511	236.5	61.4	120.3	85.6	20.5	504.3	580
Washington, D.C. <sup>4</sup>	2,076	2,049	15.3	750.9	1,190.8	280.8	390.3	27.1	1,706
Milwaukee, Wis.	382	361	154.0	38.6	79.4	74.9	14.1	20.8	368
San Jose, Calif.	291	279	44.8	21.6	116.8	31.4	58.1	2.3	164
Cleveland, Ohio	459	382	37.5	69.5	156.5	45.7	.8	76.6	407
Columbus, Ohio	317	278	28.2	56.3	99.5	10.6	1.5	36.8	635
Boston, Mass. <sup>4</sup>	1,016	984	271.3	90.3	495.8	490.0	-	30.8	576
New Orleans, La. <sup>4</sup>	457	434	48.1	115.8	156.2	47.3	83.3	22.6	530
Jacksonville, Fla. <sup>4</sup>	682	306	64.7	32.5	89.5	60.0	24.0	376.1	682
Seattle, Wash.	481	348	64.0	53.1	130.9	43.4	57.7	132.4	487
Denver, Colo. <sup>4</sup>	581	525	80.5	64.0	200.1	68.0	112.2	55.1	429
Nashville-Davidson, Tenn. <sup>4</sup>	779	468	89.4	61.1	211.9	124.0	70.1	311.1	679
St. Louis, Mo. <sup>4</sup>	457	440	64.9	108.4	196.8	31.9	84.2	16.7	149
Kansas City, Mo.	375	351	17.6	70.6	180.6	27.5	77.7	23.9	262
El Paso, Tex.	161	143	4.2	43.7	52.3	31.1	19.4	18.5	60
Atlanta, Ga.	409	371	42.5	56.4	122.4	65.9	39.5	38.2	1,015
Pittsburgh, Pa.	256	242	32.4	62.4	122.5	68.1	9.7	13.8	224
Oklahoma City, Okla.	253	233	4.0	58.2	103.7	27.0	74.2	19.6	394
Cincinnati, Ohio	357	332	58.8	71.3	129.0	27.6	1.3	25.0	175
Fort Worth, Tex.	177	156	3.4	30.3	69.8	39.2	28.7	21.8	205
Minneapolis, Minn.	274	258	80.9	47.4	70.5	56.5	8.6	16.4	488
Portland, Oreg.	244	224	16.2	46.2	88.7	64.4	12.5	19.3	348
Long Beach, Calif.	441	331	36.3	57.5	73.1	22.1	40.8	110.2	187
Tulsa, Okla.	215	195	6.1	24.3	84.3	9.5	72.7	20.1	506
Buffalo, N.Y.	440	426	204.5	78.1	97.7	90.7	4.7	14.1	248
Toledo, Ohio	189	176	15.9	60.2	60.3	9.3	.4	12.9	163
Miami, Fla.	164	164	26.7	19.7	90.7	58.2	26.8	-	205
Baton Rouge, La. <sup>4</sup>	202	199	16.2	42.5	88.0	23.3	59.0	2.1	555
Austin, Tex.	402	181	4.8	33.2	60.9	35.9	23.0	221.8	939
Oakland, Calif.	261	261	22.8	55.3	79.8	27.2	36.5	-	365
Albuquerque, N. Mex.	200	178	42.6	33.0	46.2	27.6	13.6	21.2	427
Tucson, Ariz.	190	158	38.2	35.0	62.9	9.6	50.5	31.4	158
Newark, N.J.	424	407	262.6	21.9	95.3	76.0	9.8	17.0	158
Charlotte, N.C.	177	162	29.9	28.0	60.9	57.6	-	15.0	239
Omaha, Nebr.	145	145	20.5	25.6	72.6	34.2	34.6	-	140
Louisville, Ky.	210	179	12.2	65.5	74.1	22.0	4.0	31.8	252
Birmingham, Ala.	150	150	9.9	27.3	74.0	14.5	23.5	-	303
Wichita, Kans.	195	183	15.0	34.9	45.9	36.0	7.9	12.4	671
Sacramento, Calif.	146	138	14.9	16.1	57.3	20.7	28.6	7.9	74
Tampa, Fla.	171	156	17.3	28.2	56.1	25.3	26.8	15.4	169
St. Paul, Minn.	192	180	46.4	30.6	42.9	26.4	13.9	12.8	544
Norfolk, Va. <sup>4</sup>	284	267	90.0	38.8	101.2	50.2	38.3	16.4	168
Virginia Beach, Va. <sup>4</sup>	215	204	76.0	17.1	88.2	48.5	36.2	10.8	178
Rochester, N.Y.	320	306	119.6	45.5	105.0	97.0	.7	13.4	243
Akron, Ohio	139	124	9.2	33.3	47.0	10.3	.1	14.5	110
St. Petersburg, Fla.	124	109	11.4	29.1	32.3	16.2	14.1	15.0	154
Corpus Christi, Tex.	102	69	2.6	11.3	34.9	20.1	14.1	33.1	58
Jersey City, N.J.	269	258	131.2	16.0	60.2	59.4	26.0	11.5	119
Anaheim, Calif.	203	90	11.1	5.1	40.9	12.2	26.0	113.3	207
Richmond, Va. <sup>4</sup>	351	280	77.2	35.4	136.0	79.4	36.9	71.2	355

<sup>1</sup> Represents zero or rounds to zero. <sup>2</sup> Rates based on 1980 Census of Population and Housing, Advance Reports, series PHC 80-V-2 to 52. <sup>3</sup> Excludes city-administered employee-retirement systems. <sup>4</sup> Includes categories not shown separately.

\* Represents, in effect, city-county consolidated government.

## LARGEST CITIES: 1981

in the 12 months ending June 30, 1981. See headnote, table 483]

Total <sup>a</sup>	EXPENDITURE									CITIES RANKED BY POPULATION SIZE, 1980 <sup>b</sup>	
	General expenditure										
	Total <sup>c</sup>	Education	Highways	Public welfare	Health and hospitals	Police protection	Fire protection	Housing and urban renewal	Utility expenditure		
16,249	14,389	3,520.4	401.5	2,937.2	1,378.1	761.5	399.4	1,114.1	1,850	New York, N.Y. <sup>d</sup>	
1,927	1,822	23.4	83.6	45.3	69.2	377.9	135.2	118.4	95	Chicago, Ill.	
2,489	1,339	19.8	91.6	—	1.3	296.6	116.0	58.3	1,150	Los Angeles, Calif.	
2,168	1,631	11.9	53.3	79.4	102.0	206.1	66.8	81.3	537	Philadelphia, Pa. <sup>d</sup>	
892	767	—	58.3	—	26.2	119.6	84.2	9.3	124	Houston, Tex.	
1,339	1,174	13.8	58.1	.1	61.5	178.6	57.6	181.1	165	Detroit, Mich.	
566	453	—	53.2	—	7.4	65.7	37.1	4.8	114	Dallas, Tex.	
402	325	3.8	23.5	—	3.7	53.1	24.3	40.4	78	San Diego, Calif.	
484	414	4.7	47.6	1.1	.7	69.0	31.6	22.4	70	Phoenix, Ariz.	
1,173	1,150	335.5	207.6	1.6	92.9	81.6	41.4	16.3	22	Baltimore, Md. <sup>d</sup>	
935	276	2.5	28.5	3.7	15.1	37.1	17.6	22.5	558	San Antonio, Tex.	
399	314	—	34.3	—	4.8	46.2	21.7	18.7	85	Honolulu, Hawaii. <sup>d</sup>	
478	464	6.7	36.6	45.5	85.0	41.0	19.0	11.7	14	Indianapolis, Ind. <sup>d</sup>	
1,141	951	18.5	9.2	133.8	138.2	70.9	43.0	36.3	191	San Francisco, Calif. <sup>d</sup>	
1,023	503	204.1	25.7	.6	8.5	48.5	37.7	11.8	519	Memphis, Tenn.	
2,027	1,972	360.0	77.3	349.8	169.3	115.3	42.5	94.8	56	Washington, D.C. <sup>d</sup>	
245	243	—	41.6	—	1.5	36.9	21.6	7.4	3	San Jose, Calif.	
264	339	.4	41.2	—	11.5	60.7	27.2	52.2	25	Milwaukee, Wis.	
440	364	—	24.6	1.8	10.2	70.8	35.7	24.0	76	Cleveland, Ohio.	
420	325	—	20.4	—	9.4	45.0	27.3	12.1	94	Columbus, Ohio.	
899	875	272.2	19.1	4.5	91.4	71.0	54.6	51.6	24	Boston, Mass. <sup>d</sup>	
419	388	1.1	21.8	3.8	7.8	39.1	20.0	48.3	31	New Orleans, La. <sup>d</sup>	
647	309	—	21.0	4.7	54.0	30.7	19.6	25.4	338	Jacksonville, Fla. <sup>d</sup>	
506	345	1.8	29.6	—	14.5	39.6	29.0	5.0	161	Seattle, Wash.	
574	454	—	27.7	68.1	79.1	44.2	24.5	9.2	120	Denver, Colo. <sup>d</sup>	
723	394	141.6	17.7	5.3	37.0	29.0	16.9	2.2	329	Nashville-Davidson, Tenn. <sup>d</sup>	
419	405	2.7	21.0	3.2	73.5	58.9	18.6	39.2	14	St. Louis, Mo. <sup>d</sup>	
334	309	14.1	33.9	.8	20.8	47.2	21.5	17.6	25	Kansas City, Mo.	
153	132	—	11.9	—	4.3	21.1	11.1	3.3	22	El Paso, Tex.	
453	414	5.6	16.5	1.9	.3	34.0	17.0	21.0	40	Atlanta, Ga.	
251	240	—	21.5	—	2.9	34.6	22.5	42.0	11	Pittsburgh, Pa.	
260	230	.1	26.0	—	.7	23.0	16.2	8.6	30	Oklahoma City, Okla.	
332	305	—	21.3	—	17.7	37.2	28.1	30.3	27	Cincinnati, Ohio.	
202	166	—	31.7	—	3.5	21.5	15.8	5.0	37	Fort Worth, Tex.	
259	243	—	31.2	—	6.3	24.9	17.2	27.2	16	Minneapolis, Minn.	
259	227	—	21.1	—	4.9	31.4	21.2	14.5	32	Portland, Ore.	
436	312	4.3	19.4	—	4.1	40.6	28.7	28.0	124	Long Beach, Calif.	
198	168	.1	20.7	—	2.2	16.1	15.1	6.6	30	Tulsa, Okla.	
429	419	165.6	13.2	.1	1.1	26.9	22.2	38.3	9	Buffalo, N.Y.	
197	187	—	14.1	—	5.7	22.6	17.9	10.2	10	Toledo, Ohio.	
147	147	—	10.3	—	—	24.8	21.0	10.5	—	Miami, Fla.	
190	187	1.5	9.8	1.8	12.2	20.8	10.1	2.9	3	Baton Rouge, La. <sup>d</sup>	
505	198	.3	17.0	—	49.6	21.4	11.2	3.9	307	Austin, Tex.	
248	248	1.6	11.0	—	.2	29.6	23.5	30.8	—	Oakland, Calif.	
213	177	—	15.1	—	1.9	21.2	13.9	8.3	36	Albuquerque, N.Mex.	
187	145	—	11.2	1.8	2.0	25.1	14.0	17.8	42	Tucson, Ariz.	
427	412	195.8	6.0	24.0	3.5	37.3	28.7	.7	15	Newark, N.J.	
183	147	—	16.1	—	—	17.0	12.6	9.6	36	Charlotte, N.C.	
143	143	.2	24.2	—	2.5	18.2	14.0	9.4	—	Omaha, Nebr.	
209	173	—	7.2	—	4.8	23.5	13.2	38.3	36	Louisville, Ky.	
101	101	.8	7.9	—	1.2	18.2	15.2	2.9	—	Birmingham, Ala.	
303	281	.2	24.0	—	5.6	10.0	7.8	—	21	Wichita, Kans.	
142	133	—	10.3	—	—	26.8	19.0	—	9	Sacramento, Calif.	
166	145	—	6.6	—	.1	21.1	14.0	8.0	20	Tampa, Fla.	
203	188	—	10.8	—	4.6	17.7	12.6	25.6	15	St. Paul, Minn.	
256	240	85.7	10.6	17.7	12.9	18.0	11.4	13.7	16	Norfolk, Va. <sup>d</sup>	
235	217	97.8	18.7	5.6	4.7	14.9	7.3	.5	18	Virginia Beach, Va. <sup>d</sup>	
333	318	140.0	14.3	—	—	20.4	16.5	12.4	15	Rochester, N.Y.	
142	128	—	18.7	—	4.8	14.9	10.1	22.1	14	Akron, Ohio.	
143	97	—	11.7	—	—	15.7	7.5	5.9	46	St. Petersburg, Fla.	
103	64	—	5.5	2	2.4	8.6	6.3	.2	39	Corpus Christi, Tex.	
293	284	102.0	3.8	4.9	54.3	23.3	18.5	11.6	9	Jersey City, N.J.	
279	114	—	9.0	—	—	18.6	9.8	14.5	185	Anaheim, Calif.	
355	283	98.2	17.3	35.1	5.5	17.9	15.6	12.8	71	Richmond, Va. <sup>d</sup>	

Source: U.S. Bureau of the Census, *City Government Finances in 1980-81*, series GFB1, No. 4.

No. 485. ESTIMATED STATE AND LOCAL TAXES PAID BY A FAMILY OF FOUR IN SELECTED LARGE CITIES, BY INCOME LEVEL: 1981

[Preliminary. Data based on average family of four (wage earner, wife or husband, and two children) which owns its own home and lives in city where taxes apply. Comprises State and local sales, income, auto, and real estate taxes]

CITY	TOTAL TAX PAID BY INCOME LEVEL						PERCENT OF INCOME BY INCOME LEVEL					
	\$10,000	\$17,000	\$25,000	\$35,000	\$50,000	\$75,000	\$10,000	\$17,000	\$25,000	\$35,000	\$50,000	\$75,000
Atlanta.....	779	1,502	2,343	3,367	4,702	7,093	7.8	8.8	9.4	9.6	9.4	9.5
Baltimore.....	987	1,839	2,740	3,825	5,263	7,692	9.9	10.8	11.0	10.9	10.5	10.3
Boston.....	1,557	2,755	3,978	5,481	7,456	10,913	15.6	16.2	15.9	15.7	14.9	14.6
Bridgeport.....	1,111	1,816	2,485	3,277	4,352	6,256	11.1	10.7	9.9	9.4	8.7	8.4
Burlington.....	718	1,321	2,028	2,937	4,346	7,219	7.2	7.8	8.1	8.4	8.7	9.6
Charlotte.....	700	1,288	2,025	2,903	4,128	6,251	7.0	7.6	8.1	8.3	8.3	8.3
Chicago.....	919	1,690	2,568	3,515	4,824	6,934	9.2	9.9	10.3	10.0	9.6	9.2
Cleveland.....	883	1,507	2,201	3,083	4,230	6,276	8.8	8.9	8.8	8.8	8.5	8.4
Columbia.....	637	1,199	1,902	2,771	3,866	5,998	6.4	7.0	7.6	7.9	7.7	8.0
Des Moines.....	731	1,430	2,249	3,210	4,814	6,735	7.3	8.4	9.0	9.2	9.2	9.0
Detroit.....	959	1,751	2,623	3,678	5,005	7,456	9.6	10.3	10.5	10.5	10.1	9.9
Honolulu.....	545	989	2,321	3,413	4,921	7,662	5.4	5.8	9.3	9.8	9.8	10.2
Houston.....	827	1,316	1,873	2,472	3,273	4,627	8.3	7.7	7.5	7.1	6.6	6.2
Indianapolis.....	921	1,525	2,157	2,908	3,880	5,761	9.2	9.0	8.6	8.3	7.8	7.7
Los Angeles.....	615	1,159	1,841	2,751	4,157	7,315	6.2	6.8	7.4	7.9	8.3	9.8
Louisville.....	726	1,318	1,917	2,627	3,465	4,869	7.3	7.8	7.7	7.5	6.9	6.5
Manchester.....	831	1,308	1,872	2,512	3,402	4,974	8.3	7.7	7.5	7.2	6.8	6.6
Milwaukee.....	1,002	1,972	3,059	4,271	6,233	9,364	10.0	11.6	12.2	12.5	12.5	12.5
Minneapolis.....	578	1,275	2,173	3,631	5,508	8,565	5.8	7.5	8.7	10.4	11.0	11.4
Newark, N.J.....	1,751	3,003	4,206	5,650	7,716	10,965	17.5	17.7	16.8	16.1	15.4	14.6
New York City.....	1,036	1,973	3,213	4,866	7,482	11,085	10.4	11.6	12.8	14.0	15.0	14.8
Norfolk.....	767	1,340	1,996	2,802	3,847	5,712	7.7	7.9	8.0	8.0	7.7	7.6
Philadelphia.....	1,206	1,979	2,753	3,711	4,916	7,026	12.1	11.6	11.0	10.6	9.8	9.4
Portland, Maine.....	863	1,519	2,322	3,535	5,177	8,305	8.6	8.9	9.3	10.1	10.4	11.1
Portland, Oreg.....	626	1,182	1,950	2,835	4,107	6,849	6.3	7.0	7.8	8.1	8.2	9.1
Providence.....	1,283	2,289	3,311	4,624	6,490	10,346	12.8	13.5	13.2	13.2	13.0	13.8
Salt Lake City.....	888	1,557	2,360	3,255	4,338	6,134	8.9	9.2	9.4	9.3	8.7	8.2
St. Louis.....	785	1,427	2,114	2,936	3,955	5,690	7.8	8.4	8.5	8.4	7.9	7.6
Washington, D.C.....	808	1,591	2,573	3,827	5,619	8,648	8.1	9.4	10.3	10.9	11.2	11.5
Wilmington.....	993	1,898	2,925	4,201	6,066	9,688	9.9	11.2	11.7	12.0	12.1	12.9

No. 486. RESIDENTIAL PROPERTY TAX RATES IN SELECTED LARGE CITIES: 1981

CITY	EFFECTIVE TAX RATE PER \$100		Nominal rate per \$100	CITY	EFFECTIVE TAX RATE PER \$100		Assess-ment level (percent)	Nominal rate per \$100	
	Rank	Rate			Rank	Rate			
Newark, N.J.....	1	5.56	55.0	10.11	New York City.....	27	1.60	17.9	8.95
Boston.....	2	4.96	18.2	27.27	Fargo.....	28	1.33	4.5	29.48
Detroit.....	3	3.94	50.0	7.88	Salt Lake City.....	29	1.25	15.8	7.90
Indianapolis.....	4	3.74	33.3	11.21	Boise City.....	30	1.23	94.3	1.30
Providence.....	5	3.52	52.0	6.76	Louisville.....	31	1.23	90.0	1.97
Wilmington.....	6	3.34	70.0	4.78	Norfolk.....	32	1.17	90.0	1.30
Milwaukee.....	7	2.84	70.8	4.01	Washington, D.C.....	33	1.14	93.7	1.22
Chicago.....	8	2.83	1.29	9.54	Los Angeles.....	34	1.10	100.0	1.10
Baltimore.....	9	2.82	45.6	6.18	Little Rock.....	35	1.09	14.0	7.60
Manchester.....	10	2.78	36.0	7.74	Oklahoma City.....	36	1.08	12.0	9.00
Houston.....	11	2.52	100.0	2.52	Charlotte.....	37	1.00	54.9	1.82
Portland, Maine.....	12	2.44	60.0	4.06	Phoenix.....	38	.98	10.0	9.82
Philadelphia.....	13	2.43	36.0	6.75	New Orleans.....	39	.94	10.0	9.36
Des Moines.....	14	2.34	64.8	3.60	Charleston, W. Va.....	40	.93	52.0	1.79
Atlanta.....	15	2.32	40.0	5.79	Wichita.....	41	.93	7.8	11.83
Minneapolis.....	16	2.28	21.5	10.59	Jackson.....	42	.86	16.0	5.37
Bridgeport.....	17	2.25	30.3	7.44	Billings.....	43	.84	4.0	20.79
Cleveland.....	18	2.12	35.0	6.91	Anchorage.....	44	.83	100.0	.83
St. Louis.....	19	2.08	33.3	6.25	Las Vegas.....	45	.83	35.0	2.38
Jacksonville.....	20	1.96	99.4	1.97	Seattle.....	46	.78	87.8	.89
Omaha.....	21	1.95	28.0	6.97	Denver.....	47	.76	9.0	8.41
Portland, Oregon.....	22	1.86	81.6	2.28	Columbia.....	48	.71	1.8	40.55
Sioux Falls.....	23	1.86	29.2	6.39	Birmingham.....	49	.69	10.0	6.95
Albuquerque.....	24	1.83	33.3	5.49	Honolulu.....	50	.67	44.0	1.52
Memphis.....	25	1.74	25.0	6.97	Casper.....	51	.63	7.9	8.00
Burlington.....	26	1.60	24.0	6.68					

<sup>1</sup> Assessment level of 16.0% × statewide equalization factor. <sup>2</sup> Assessment level of 100% × statewide factor of 64.78%.

<sup>3</sup> Statutory assessment levels: 16% first \$27,000, 22% next \$27,000, and 28% over \$54,000. <sup>4</sup> Effective rate = nominal rate × assessment level (35%) statewide 12.5% rollback.

Source of tables 485 and 486: Government of the District of Columbia, Department of Finance and Revenue, *Tax Burdens in Washington, D.C. Compared With Those in The Largest City in Each State, 1981*.

## NO. 487. GOVERNMENTAL EMPLOYMENT AND PAYROLLS: 1950 TO 1982

[For October, 1950 excludes Alaska and Hawaii. Covers both full-time and part-time employees. See table 731 for related data. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 272-307.]

TYPE OF GOVERNMENT	1950 <sup>1</sup>	1955 <sup>1</sup>	1960 <sup>1</sup>	1965	1970	1975	1977	1978	1979	1980	1981	1982
<b>EMPLOYEES (1,000)</b>												
<b>Total</b>												
Federal (civilian) <sup>2</sup>	2,117	2,378	2,421	2,588	2,881	2,890	2,848	2,885	2,869	2,898	2,865	2,862
State and local	4,285	5,054	6,387	8,001	10,147	12,064	12,611	12,743	13,102	13,315	13,103	13,071
Percent of total	66.9	68.0	72.5	75.6	77.9	80.7	81.6	81.5	82.0	82.1	82.1	82.0
State	1,057	1,199	1,527	2,028	2,755	3,271	3,491	3,539	3,699	3,753	3,726	3,747
Local	3,228	3,855	4,860	5,973	7,392	8,813	9,120	9,204	9,403	9,652	9,377	9,324
Counties				979	1,229	1,563	1,761	1,788	1,804	1,853	1,808	1,804
Municipalities				1,894	2,244	2,506	2,469	2,509	2,553	2,581	2,469	2,460
School districts				2,598	3,316	3,969	4,127	4,113	4,200	4,270	4,222	4,182
Townships				282	330	392	361	411	401	394	386	377
Special districts				228	275	383	402	403	445	484	492	502
<b>OCTOBER PAYROLLS (mil. dol.)</b>												
Total	1,528	2,265	3,333	4,884	8,334	13,224	15,338	16,483	18,077	19,935	21,193	22,559
Federal (civilian) <sup>2</sup>	613	846	1,118	1,484	2,428	3,584	3,918	4,344	4,728	5,205	5,239	5,394
State and local	915	1,419	2,215	3,400	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,165
Percent of total	59.9	62.6	68.5	68.6	70.9	72.9	74.5	73.7	73.8	73.9	75.3	76.1
State	218	340	524	849	1,612	2,653	3,195	3,483	3,869	4,285	4,686	5,028
Local	696	1,078	1,691	2,551	4,284	6,987	8,225	8,656	9,480	10,445	11,287	12,137
Counties				377	640	1,183	1,489	1,584	1,726	1,935	2,083	2,254
Municipalities				818	1,381	2,129	2,412	2,535	2,729	2,951	3,222	3,425
School districts				1,189	2,032	3,160	3,707	3,887	4,272	4,683	5,021	5,403
Townships				81	122	215	250	269	291	330	349	377
Special districts				87	140	300	367	392	463	546	612	678
<b>AVERAGE ANNUAL PERCENT CHANGE<sup>3</sup></b>												
Employees, total	-.5	3.0	3.5	3.8	4.2	2.8	2.1	1.1	2.2	1.5	-1.5	-0.2
Federal (civilian) <sup>2</sup>	-8.9	2.4	.4	1.3	2.2	.6	-.7	1.3	-.5	1.0	-1.2	-0.1
State				5.8	6.3	3.5	3.3	1.4	4.5	1.5	-.7	.6
Local				4.2	4.4	3.6	1.7	.9	2.2	1.7	-1.9	-0.6
Counties				(NA)	4.7	4.9	6.2	.4	2.0	2.7	-2.4	-0.2
Municipalities				(NA)	3.6	2.2	-.7	1.6	1.8	.3	-3.6	-0.1
School districts				(NA)	5.0	3.7	2.0	-.3	2.1	1.7	-1.1	-0.9
Townships				(NA)	3.2	3.5	-4.0	13.9	-24	-1.7	-2.0	-2.3
Special districts				(NA)	3.8	6.9	2.5	2	10.4	8.8	1.7	2.0
Payrolls, total	6.6	8.2	8.0	7.9	11.3	9.4	7.7	7.5	9.7	10.3	6.3	6.4
Federal (civilian) <sup>2</sup>	-.9	6.7	5.7	5.8	10.3	8.1	4.6	10.9	8.7	10.1	.6	3.0
State				10.1	13.7	10.5	9.7	9.0	11.1	10.8	8.9	7.7
Local				8.6	11.0	10.2	8.5	5.2	9.5	10.2	8.1	7.5
Counties				(NA)	11.2	13.1	12.2	5.0	10.4	12.2	7.6	8.2
Municipalities				(NA)	10.7	9.4	6.4	5.1	7.7	8.1	9.2	6.3
School districts				(NA)	11.3	9.2	8.3	5.1	9.6	9.6	7.2	7.6
Townships				(NA)	8.5	12.0	7.8	7.6	8.2	13.4	5.8	8.0
Special districts				(NA)	10.0	16.5	10.6	6.8	18.1	17.9	12.1	10.8

NA Not available. <sup>1</sup> Due to classification change in subsequent year, type of government detail not available. <sup>2</sup> Includes employees outside U.S. <sup>3</sup> Represents average for period of interval shown; for 1950, change from 1945. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease.

## NO. 488. GOVERNMENTAL EMPLOYMENT AND PAYROLLS, BY TYPE OF GOVERNMENT AND BY FUNCTION: 1982

[For October. Covers both full-time and part-time employees. Local government data are estimates subject to sampling variation; see source and Appendix III.]

FUNCTION	EMPLOYEES (1,000)					OCTOBER PAYROLLS (mil. dol.)				
	Total	Federal (civilian) <sup>1</sup>	State and local			Total	Federal (civilian) <sup>1</sup>	State and local		
			Total	State	Local			Total	State	Local
1982, total	15,933	2,862	13,071	3,747	9,324	22,559	5,394	17,165	5,028	12,137
National defense <sup>2</sup>	1,026	1,026	(X)	(X)	(X)	1,839	1,839	(X)	(X)	(X)
Postal Service	664	664	(X)	(X)	(X)	1,263	1,263	(X)	(X)	(X)
Education	6,749	17	6,733	1,616	5,117	8,559	33	8,529	1,874	6,652
Teachers	3,740	(X)	3,740	470	3,271	5,968	(X)	5,968	848	5,120
Highways	531	4	527	244	283	740	11	729	370	360
Health and hospitals	1,664	256	1,407	687	720	2,239	460	1,780	914	866
Public welfare	393	(X)	393	175	219	495	(X)	495	245	251
Police protection	721	56	665	76	589	1,190	127	1,063	139	925
Fire protection	310	(X)	310	(X)	310	446	(X)	446	(X)	416
Sanitation and sewerage	218	(X)	218	1	218	300	(X)	300	1	299
Parks and recreation	243	(X)	243	28	214	230	(X)	230	32	199
Natural resources	458	264	195	158	36	761	496	264	224	41
Financial administration	418	106	312	121	191	593	187	405	182	224
All other	2,539	471	2,068	642	1,426	3,903	979	2,925	1,049	1,876

X Not applicable. <sup>1</sup> Includes employees outside United States. <sup>2</sup> Includes international relations.

Source of tables 487 and 488: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual.

**NO. 489. STATE AND LOCAL GOVERNMENT EMPLOYMENT, PAYROLLS, AND AVERAGE EARNINGS, BY TYPE OF GOVERNMENT: 1960 TO 1982**

[Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series Y 274-289 and Y 292-307]

TYPE OF GOVERNMENT AND FUNCTION	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982
EMPLOYEES, OCTOBER (1,000)										
<b>Total</b>										
Full-time	6,387	8,001	10,147	12,084	12,611	12,743	13,102	13,315	13,103	13,071
Part-time	5,320	6,595	8,024	9,397	9,861	9,946	10,193	10,314	10,214	10,138
FULL-TIME EQUIVALENT	5,167	7,406	9,213	10,687	11,250	11,797	12,909	13,000	12,889	12,933
State and local	5,570	6,937	8,528	10,098	10,591	10,724	10,944	11,047	10,917	10,829
Education	2,525	3,337	4,258	4,952	5,134	5,202	5,291	5,341	5,302	5,214
Health and hospitals	654	789	951	1,134	1,239	1,256	1,279	1,296	1,294	1,295
Police protection	304	349	450	544	567	566	589	591	596	599
Public welfare	114	170	250	339	356	364	366	372	369	372
Other	1,973	2,292	2,621	3,130	3,296	3,337	3,419	3,447	3,356	3,349
State, total <sup>1</sup>	1,411	1,751	2,302	2,744	2,903	2,966	3,072	3,106	3,087	3,083
Education	390	508	803	952	1,005	1,016	1,046	1,063	1,063	1,051
Health and hospitals	331	392	482	570	614	635	653	650	654	657
Highways	240	284	297	271	258	260	257	255	244	241
Local, total <sup>1</sup>	4,159	5,186	6,226	7,354	7,688	7,758	7,871	7,941	7,830	7,746
Education	2,136	2,829	3,455	4,000	4,129	4,187	4,245	4,278	4,240	4,163
Health and hospitals	324	397	469	562	625	621	626	646	639	638
Police protection	272	308	394	476	497	495	515	519	523	524
Highways	259	266	271	298	290	295	295	277	265	265
Counties <sup>1</sup>	672	893	1,068	1,408	1,582	1,606	1,621	1,651	1,609	1,598
Education	(NA)	(NA)	228	279	319	331	341	351	344	345
Health and hospitals	(NA)	(NA)	227	281	325	327	323	325	320	309
Public welfare	(NA)	(NA)	111	139	149	150	153	158	156	154
Municipalities <sup>1</sup>	1,447	1,638	1,922	2,142	2,168	2,163	2,190	2,166	2,111	2,079
Education	(NA)	(NA)	359	376	358	361	366	360	346	322
Health and hospitals	(NA)	(NA)	158	165	172	170	165	166	163	162
Police protection	(NA)	(NA)	299	349	356	355	366	365	365	364
Fire protection	(NA)	(NA)	169	184	182	182	203	190	191	189
School districts	1,727	2,287	2,786	3,243	3,351	3,393	3,435	3,468	3,453	3,403
Townships	302	{ 177	192	237	241	245	250	249	245	245
Special districts		191	228	324	346	351	374	406	413	421
PAYROLLS, OCTOBER (mil. dol.)										
Total	2,215	3,400	5,906	9,640	11,420	12,139	13,349	14,730	15,954	17,165
Full-time	(NA)	3,251	5,598	9,018	10,672	11,335	12,506	13,792	14,955	16,091
Part-time	(NA)	150	309	622	748	804	843	938	1,002	1,074
Education	1,095	1,778	3,170	4,960	5,846	6,186	6,757	7,451	8,002	8,526
Health and hospitals	198	292	529	909	1,113	1,186	1,322	1,476	1,627	1,780
Police protection	129	184	339	585	699	722	814	869	975	1,063
Public welfare	39	72	150	272	329	350	380	413	459	495
Other	755	1,075	1,719	2,916	3,433	3,695	4,076	4,522	4,892	5,301
State, total <sup>1</sup>	545	849	1,612	2,653	3,195	3,483	3,869	4,285	4,668	5,028
Education	172	290	630	1,022	1,234	1,393	1,451	1,608	1,768	1,874
Health and hospitals	104	150	283	472	577	625	692	761	837	914
Highways	90	129	193	251	269	298	314	346	354	370
Local, total <sup>1</sup>	1,691	2,551	4,294	6,987	8,225	8,656	9,480	10,445	11,287	12,137
Education	923	1,488	2,539	3,939	4,611	4,853	5,306	5,843	6,234	6,652
Health and hospitals	93	141	246	437	536	561	630	714	789	866
Police protection	116	163	295	510	611	626	708	750	851	925
Highways	88	110	149	238	261	282	298	314	333	360
Counties <sup>1</sup>	229	377	640	1,183	1,489	1,564	1,726	1,936	2,083	2,254
Education	(NA)	89	149	252	332	357	391	444	479	513
Health and hospitals	(NA)	66	117	217	278	289	320	362	393	419
Public welfare	(NA)	30	61	106	128	131	147	159	173	185
Municipalities <sup>1</sup>	583	818	1,361	2,129	2,412	2,535	2,729	2,951	3,222	3,425
Education	(NA)	170	299	425	456	478	514	564	583	581
Health and hospitals	(NA)	56	90	143	160	170	178	189	212	227
Police protection	(NA)	130	231	384	453	465	515	534	608	657
Fire protection	(NA)	84	137	217	243	252	281	300	341	369
School districts	735	1,189	2,032	3,160	3,707	3,897	4,272	4,683	5,021	5,403
Townships	80	{ 122	215	250	269	291	330	349	377	
Special districts	118	87	140	300	367	392	463	546	612	678
AVERAGE OCTOBER EARNINGS (dol.)										
Full-time employees:										
State and local	399	493	697	961	1,082	1,139	1,227	1,337	1,464	1,587
Education	437	538	756	1,013	1,146	1,201	1,285	1,402	1,514	1,640
Other	368	452	642	912	1,021	1,085	1,175	1,279	1,419	1,540

NA Not available. <sup>1</sup>Includes other categories not shown separately.

Source: U.S. Bureau of the Census, *Public Employment*, series GE No. 1, annual, and unpublished data.

# Employment

305

## NO. 490. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY SEX AND RACE/ETHNIC GROUP: 1973 TO 1981

[As of June 30. Excludes school systems and educational institutions. Based on reports from State governments (44 in 1973, 48 in 1975, 47 in 1977, 45 in 1978, 46 in 1979, 42 in 1980 and 49 in 1981) and a sample of county, municipal, township, and special district jurisdictions employing 15 or more nonelected, nonappointed full-time employees. For definition of median, see Guide to Tabular Presentation.]

SEX AND RACE/ETHNIC GROUP	EMPLOYMENT (1,000)							MEDIAN ANNUAL SALARY (\$1,000)						
	1973	1975	1977	1978	1979	1980	1981	1973	1975	1977	1978	1979	1980	1981
Total.....	3,809	3,899	4,415	4,447	4,576	3,987	4,665	8.6	9.8	10.9	11.7	12.3	13.3	15.6
Male.....	2,486	2,436	2,737	2,711	2,761	2,350	2,740	9.6	11.3	12.4	13.3	14.1	15.2	17.7
Female.....	1,322	1,464	1,678	1,736	1,816	1,637	1,925	7.0	8.2	9.1	9.7	10.4	11.4	13.1
White.....	3,115	3,102	3,480	3,481	3,568	3,146	3,591	8.8	10.2	11.3	12.0	12.8	13.8	16.1
Minority group, total <sup>1</sup> .....	693	797	935	966	1,008	842	1,074	7.5	8.8	9.7	10.4	10.9	11.8	13.5
Black.....	523	602	705	723	751	619	780	7.4	8.8	9.5	10.1	10.6	11.5	13.3
Hispanic <sup>2</sup> .....	125	147	175	181	192	163	205	7.4	8.9	9.9	10.7	11.4	12.3	14.7

<sup>1</sup> Includes other minority groups, not shown separately. <sup>2</sup> Prior to 1977, this ethnic group was classified as "Spanish-surnamed American."

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, annual.

## NO. 491. STATE AND LOCAL GOVERNMENT—EMPLOYMENT (FULL-TIME) AND SALARY, BY OCCUPATION, SEX, AND RACE/ETHNIC GROUP: 1981

[As of June 30. See headnote, table 490]

SEX AND RACE/ETHNIC GROUP	Total	Offi-cials/ admin- istrators	Profes-sionals	Techni-cians	Protec-tive service	Para-profes-sionals	Office/ clerical	Skilled craft	Serv- ice/ main-te-nance
<b>NUMBER EMPLOYED (1,000)</b>									
Total .....	4,665	245	891	482	667	397	852	379	742
Male.....	2,740	182	494	283	601	117	104	365	594
Female.....	1,925	63	397	199	66	281	758	14	147
White.....	3,591	215	748	388	568	258	653	308	453
Minority group, total <sup>1</sup> .....	1,074	30	143	94	99	139	209	71	289
Black.....	780	20	90	59	70	118	147	46	230
Hispanic.....	205	7	26	16	24	16	44	20	51
<b>PERCENT DISTRIBUTION</b>									
Total .....	100.0	5.3	19.1	10.3	14.3	8.5	18.5	8.1	15.9
Male.....	100.0	6.6	18.0	10.3	21.9	4.3	3.8	13.3	21.7
Female.....	100.0	3.3	20.6	10.3	3.4	14.6	39.4	.7	7.6
White.....	100.0	6.0	20.8	10.8	15.8	7.2	18.2	8.6	12.6
Minority group, total <sup>1</sup> .....	100.0	2.8	13.3	8.8	9.2	12.9	19.5	6.6	26.9
Black.....	100.0	2.6	11.5	7.6	9.0	15.1	18.8	5.9	29.5
Hispanic.....	100.0	3.4	12.7	7.8	11.7	7.8	21.5	9.8	24.9
<b>MEDIAN ANNUAL SALARY (\$1,000)</b>									
Total .....	15.6	24.4	20.0	16.2	18.2	11.8	12.0	16.7	12.8
Male.....	17.7	26.6	22.5	18.2	18.7	13.1	13.5	16.9	13.5
Female.....	13.1	19.2	18.1	13.9	14.5	11.4	11.8	11.5	10.6
White.....	16.1	24.6	20.1	16.4	18.3	12.0	12.0	16.7	13.1
Minority group, total <sup>1</sup> .....	13.5	21.7	18.6	14.9	17.5	11.7	11.9	16.3	12.7
Black.....	13.3	21.2	18.3	14.4	16.9	11.4	11.7	15.8	12.1
Hispanic.....	14.7	22.7	20.4	16.3	18.6	12.0	12.0	16.7	12.8

<sup>1</sup> Includes other minority groups, not shown separately.

Source: U.S. Equal Employment Opportunity Commission, *State and Local Government Information Report*, 1981.

**NO. 492. STATE AND LOCAL GOVERNMENT EMPLOYMENT (FULL-TIME EQUIVALENT) AND PAYROLLS, BY SELECTED FUNCTION, 1970 TO 1982, AND BY STATE, 1982**

[For October. Except for 1977, local government data are estimates subject to sampling variation; see source and Appendix III]

STATE	EMPLOYMENT (1,000)						OCTOBER PAYROLLS (mil. dol.)					
	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare	Education		Health and hospitals	Highways	Police and local fire protection	Public welfare
	Total	Local schools only <sup>1</sup>					Total	Local schools only				
1970.....	4,257.5	3,350.8	950.9	568.2	639.5	249.8	3,169.7	2,442.4	529.3	341.4	491.1	149.5
1975.....	4,951.8	3,822.9	1,342.4	559.6	758.7	339.4	4,960.3	3,727.8	909.0	488.9	835.4	272.3
1976.....	5,002.7	3,861.6	1,148.9	551.4	760.4	342.2	5,310.4	3,992.8	981.4	505.0	891.7	298.1
1977.....	5,133.9	3,950.5	1,238.8	548.2	780.7	356.2	5,845.5	4,366.6	1,113.0	530.1	982.2	329.4
1978.....	5,202.3	4,002.5	1,256.2	555.0	780.9	363.6	6,186.2	4,610.2	1,186.2	580.4	1,020.1	349.5
1979.....	5,291.3	4,064.9	1,278.7	542.2	826.3	366.0	6,757.0	5,035.0	1,322.1	612.0	1,145.9	379.9
1980.....	5,341.1	4,083.8	1,296.2	532.8	817.6	371.9	7,450.9	5,521.8	1,475.5	660.3	1,223.4	413.2
1981.....	5,302.1	4,046.1	1,293.6	509.6	826.2	369.2	8,002.0	5,882.5	1,626.5	666.7	1,384.2	458.7
<b>1982.....</b>	<b>5,213.5</b>	<b>3,968.6</b>	<b>1,295.4</b>	<b>506.1</b>	<b>828.5</b>	<b>372.3</b>	<b>8,526.4</b>	<b>6,276.0</b>	<b>1,779.7</b>	<b>729.3</b>	<b>1,509.3</b>	<b>495.4</b>
Ala.....	89.1	64.5	34.2	10.5	12.3	4.7	120.5	79.0	38.4	12.3	17.1	6.1
Alaska.....	14.9	11.5	1.4	3.7	1.7	1.0	37.9	31.0	3.3	8.7	5.9	2.0
Ariz.....	72.9	49.0	8.1	5.4	11.3	3.0	125.7	79.5	13.0	8.9	22.5	4.5
Ark.....	55.6	42.1	13.3	6.6	6.0	2.3	66.4	45.9	14.5	7.7	7.4	2.6
Calif.....	495.5	361.4	122.9	32.1	93.4	34.7	1,003.2	712.6	219.7	61.1	220.7	54.6
Colo.....	76.4	56.0	15.9	7.3	11.3	4.0	125.5	85.2	25.1	6.6	20.1	5.6
Conn.....	68.5	56.1	17.1	7.4	12.3	3.1	111.5	89.3	21.6	10.9	21.7	4.1
Del.....	15.6	10.1	3.1	1.6	1.8	.6	25.3	15.9	3.5	2.4	3.5	.8
D.C.....	12.0	10.4	5.7	1.0	5.9	2.3	25.5	21.9	10.7	1.8	13.3	4.1
Fla.....	204.0	162.2	64.3	19.1	42.8	10.0	292.3	221.5	83.3	24.6	70.6	11.6
Ga.....	134.4	106.8	67.4	12.9	20.5	6.7	169.8	125.2	83.1	15.1	26.8	8.4
Hawaii.....	22.2	16.4	5.3	1.8	4.0	1.0	39.0	27.1	7.5	2.9	7.9	1.3
Idaho.....	23.6	17.8	4.7	2.9	2.8	1.3	32.1	23.1	5.5	4.4	4.1	1.6
Ill.....	232.7	175.2	42.5	18.2	50.2	15.4	432.8	321.2	64.1	32.8	100.5	20.5
Ind.....	128.4	95.2	28.7	10.4	16.7	6.9	202.4	139.4	36.5	11.9	23.5	7.3
Iowa.....	77.4	57.7	17.4	8.9	7.2	6.0	121.0	83.7	22.9	12.6	12.0	7.3
Kans.....	68.2	49.1	12.9	8.5	8.2	3.0	94.9	65.7	15.5	10.9	12.0	4.0
Ky.....	81.6	60.4	12.4	7.9	9.6	4.7	112.3	78.8	14.1	9.6	14.3	6.0
La.....	110.2	84.7	31.9	13.3	14.9	5.0	155.0	114.6	35.0	17.4	21.2	6.0
Maine.....	28.2	22.6	3.0	3.9	3.3	1.7	36.0	27.3	3.8	5.4	4.7	2.3
Md.....	103.2	72.6	23.5	9.8	18.0	7.4	186.2	137.3	34.8	13.9	34.3	8.3
Mass.....	114.7	98.2	32.0	11.4	28.3	9.2	192.2	163.9	40.5	15.7	51.8	13.1
Mich.....	208.0	151.3	43.1	13.6	28.1	15.6	409.3	302.6	72.0	23.9	60.1	27.5
Minn.....	93.0	68.9	22.7	11.0	9.9	11.0	171.7	121.7	33.7	20.0	19.7	14.8
Miss.....	64.3	46.4	20.8	8.0	7.0	3.1	72.0	47.8	20.4	7.3	8.3	3.1
Mo.....	106.4	82.9	32.0	11.0	18.0	5.6	147.5	110.9	35.7	14.0	28.3	6.3
Mont.....	21.3	17.0	2.8	3.0	2.5	1.8	36.9	28.0	3.8	5.1	3.7	2.2
Nebr.....	44.0	30.4	7.8	5.5	4.5	2.3	59.9	41.8	8.8	7.3	7.3	2.6
Nev.....	16.5	12.7	5.5	2.0	4.5	.8	29.4	22.4	9.6	3.7	9.1	1.5
N.H.....	20.5	15.8	2.6	3.0	3.4	3.2	26.1	20.0	3.1	3.7	5.3	3.2
N.J.....	173.7	145.0	34.8	19.1	35.1	13.3	318.1	261.9	46.1	29.7	60.6	15.5
N. Mex.....	40.4	28.5	7.9	3.9	4.6	1.9	61.3	41.2	10.0	4.9	7.2	2.5
N.Y.....	348.7	284.6	156.1	43.1	79.2	55.3	678.0	552.6	233.2	63.7	162.6	77.0
N.C.....	150.9	112.1	37.2	13.5	17.8	8.2	201.9	143.8	46.9	16.1	24.8	9.0
N. Dak.....	18.4	12.9	2.8	1.9	1.6	1.1	33.6	23.7	3.4	2.8	2.5	1.5
Ohio.....	224.5	175.8	48.5	21.1	34.8	19.3	369.6	275.1	64.9	31.2	59.8	22.3
Oklahoma.....	85.7	62.8	21.3	8.5	11.2	8.0	119.0	80.5	25.7	10.4	15.9	11.1
Oreg.....	65.9	48.6	10.8	6.8	9.1	3.8	107.7	76.6	15.0	10.7	18.0	5.5
Pa.....	218.0	187.3	37.6	26.7	35.3	27.3	355.7	299.1	50.5	36.3	66.0	32.9
R.I.....	20.1	14.3	4.2	1.7	4.4	1.8	35.8	26.1	6.3	2.4	7.4	2.6
S.C.....	82.1	61.8	25.3	6.2	8.8	4.1	105.9	72.2	29.6	6.6	11.0	4.9
S. Dak.....	18.7	14.2	2.8	2.5	1.8	1.0	23.3	16.7	3.0	3.3	2.5	1.2
Tenn.....	101.4	75.2	28.5	11.5	15.8	7.2	150.0	105.6	34.1	12.4	21.8	7.9
Tex.....	399.4	308.8	87.1	30.4	49.6	13.1	579.6	418.3	110.7	43.7	86.3	19.2
Utah.....	40.2	26.2	5.6	2.8	4.4	1.9	58.1	37.3	7.9	4.9	7.7	3.0
Vt.....	13.7	10.2	1.4	1.8	1.4	.7	18.2	12.4	1.8	2.5	2.1	1.0
Va.....	140.1	106.3	28.2	13.5	17.5	6.6	208.9	147.4	37.1	17.1	28.3	8.5
Wash.....	90.9	62.7	16.7	9.4	13.3	5.7	160.7	106.7	25.5	17.4	27.9	8.1
W. Va.....	51.5	41.1	11.4	6.6	4.3	2.8	69.7	53.7	12.4	8.0	5.9	3.0
Wis.....	109.2	72.1	18.2	11.0	16.0	11.6	182.4	119.5	26.7	18.0	29.5	14.8
Wyo.....	17.0	12.7	4.2	2.4	2.1	.5	28.7	20.9	5.5	4.5	3.7	.9

<sup>1</sup> Elementary and secondary schools, local and State operated.

## No. 493. STATE AND LOCAL GOVERNMENT EMPLOYMENT AND PAYROLLS—BY STATE: 1970 TO 1982

[For October. Covers both full-time and part-time employees]

STATE	ALL EMPLOYEES (1,000)						OCTOBER PAYROLLS <sup>2</sup> (mil. dol.)					
	State			Local <sup>1</sup>			State			Local <sup>1</sup>		
	1970	1975	1982	1970	1975	1982	1970	1975	1982	1970	1975	1982
U.S.	2,755	3,271	3,747	7,392	8,813	9,324	1,612	2,653	5,028	4,294	6,987	12,137
Ala.	49	62	73	107	125	150	24	46	93	46	77	151
Alaska	10	14	21	8	14	19	9	20	46	7	19	47
Ariz.	28	39	48	64	98	119	16	32	64	40	81	170
Ark.	29	36	43	57	70	81	13	25	49	21	37	72
Calif.	239	273	305	837	1,036	1,089	170	265	511	614	1,001	1,681
Colo.	44	54	59	87	116	132	25	45	74	44	85	165
Conn.	43	46	56	85	107	105	30	37	74	57	91	139
Del.	13	16	19	16	19	16	7	11	25	10	15	23
D.C.	(x)	(x)	(x)	54	54	49	(x)	(x)	(x)	37	65	96
Fla.	79	105	129	250	349	402	43	86	164	143	266	500
Ga.	61	82	94	162	209	249	32	59	119	74	131	260
Hawaii	33	39	47	10	13	13	22	35	62	8	11	20
Idaho	14	19	18	28	34	39	7	14	22	11	19	40
Ill.	132	141	146	403	473	458	78	126	203	258	414	659
Ind.	70	78	89	176	212	207	36	52	109	90	137	232
Iowa	42	47	51	114	128	130	23	40	69	53	85	145
Kans.	41	46	51	94	103	111	20	32	57	41	62	116
Ky.	46	64	67	90	104	106	23	45	80	42	64	117
La.	65	78	96	119	144	155	32	52	114	56	91	183
Maine	17	18	23	33	40	42	9	13	27	14	23	39
Md.	50	73	88	124	154	167	33	65	118	83	141	245
Mass.	67	75	86	194	239	217	44	62	112	118	199	296
Mich.	121	143	148	330	376	359	74	124	214	217	332	526
Minn.	56	65	72	155	181	182	34	55	100	86	137	233
Miss.	34	39	45	77	91	101	15	25	47	27	48	89
Mo.	64	72	74	153	176	187	32	54	85	79	122	210
Mont.	17	19	20	25	32	36	8	14	25	12	21	42
Nebr.	28	30	33	65	77	81	13	21	36	30	48	88
Nev.	8	12	15	22	26	35	5	10	23	13	22	53
N.H.	12	16	18	26	32	33	7	11	17	10	17	33
N.J.	65	78	100	243	307	322	44	71	148	156	270	441
N. Mex.	23	30	42	36	44	49	12	22	49	17	29	62
N.Y.	201	202	254	879	877	857	144	196	411	610	884	1,313
N.C.	71	92	101	145	188	245	39	68	122	73	123	253
N. Dak.	14	15	17	29	37	34	6	10	20	10	14	34
Ohio	107	119	150	372	426	430	61	91	187	195	309	520
Oklahoma	49	55	75	82	103	120	22	37	94	37	59	132
Oreg.	43	50	52	79	104	112	24	40	66	43	79	145
Pa.	132	152	145	349	405	400	79	132	193	203	325	522
R.I.	17	21	27	25	27	26	10	17	32	15	24	39
S.C.	38	58	64	84	102	113	19	40	82	34	56	112
S. Dak.	13	16	16	32	33	31	6	10	17	11	15	26
Tenn.	55	63	77	124	159	168	26	42	96	58	104	193
Tex.	133	172	208	381	493	614	71	138	289	194	346	765
Utah	23	29	33	39	46	54	12	20	43	18	28	61
Vt.	11	12	12	14	19	18	6	9	16	6	10	17
Va.	74	97	116	137	185	197	42	74	144	73	133	239
Wash.	66	82	92	126	141	146	42	67	118	78	120	227
W. Va.	35	43	40	50	55	66	16	27	44	22	36	75
Wis.	64	75	81	184	210	213	41	60	97	94	148	253
Wyo.	8	9	12	16	19	29	4	7	18	7	13	36

<sup>X</sup> Not applicable.<sup>1</sup> Estimates subject to sampling variation; see source and Appendix III.<sup>2</sup> For all employees.Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 6, No. 4, *Historical Statistics on Governmental Finances and Employment, and Public Employment*, series GE, No. 1, annual.

**NO. 494. STATE AND LOCAL GOVERNMENT FULL-TIME EQUIVALENT EMPLOYMENT—BY STATE:  
1970 TO 1982**

[For October]

STATE	FULL-TIME EQUIVALENT EMPLOYMENT (1,000)						FULL-TIME EQUIVALENT EMPLOYMENT PER 10,000 POPULATION					
	State			Local <sup>1</sup>			State			Local <sup>1</sup>		
	1970	1975	1982	1970	1975	1982	1970	1975	1982	1970	1975	1982
U.S. ....	2,302	2,744	3,083	6,226	7,354	7,746	113	129	133	306	345	335
Alabama.....	42	52	61	94	110	129	122	145	155	272	305	326
Alaska.....	8	13	19	7	12	17	260	379	442	234	343	379
Arizona.....	22	32	36	55	82	99	124	143	125	312	367	347
Arkansas.....	24	32	36	49	58	68	127	150	156	254	274	297
California.....	195	218	248	697	833	850	98	103	100	349	393	344
Colorado.....	36	41	43	71	95	107	161	162	140	322	376	351
Connecticut.....	38	40	48	74	89	89	126	128	154	245	289	284
Delaware.....	12	14	17	14	17	15	217	244	277	254	288	244
District of Columbia.....	(X)	(X)	(X)	49	52	46	(X)	(X)	(X)	643	726	730
Florida.....	72	94	112	223	311	356	106	113	107	329	372	341
Georgia.....	53	72	83	145	185	219	115	147	147	317	376	388
Hawaii.....	28	31	38	10	12	12	365	355	380	131	134	118
Idaho.....	11	15	14	22	27	32	151	182	141	304	326	328
Illinois.....	106	120	117	334	377	370	96	107	102	300	338	323
Indiana.....	54	58	62	145	173	175	103	110	114	280	325	320
Iowa.....	34	38	41	88	100	101	122	134	143	311	349	347
Kansas.....	31	36	39	75	80	89	139	157	160	332	354	369
Kentucky.....	39	56	57	76	87	92	121	164	154	235	269	252
Louisiana.....	53	68	82	107	130	143	146	174	188	293	343	327
Maine.....	16	17	18	25	31	32	157	157	160	255	289	286
Maryland.....	47	68	80	114	137	138	119	165	188	292	331	324
Massachusetts.....	60	68	75	168	199	182	105	116	129	296	341	315
Michigan.....	91	110	114	267	299	279	103	120	125	301	350	306
Minnesota.....	43	50	53	119	138	137	113	128	127	312	353	331
Mississippi.....	28	33	39	65	77	87	127	140	154	295	328	342
Missouri.....	53	62	64	130	149	157	114	131	130	278	312	316
Montana.....	13	15	14	21	26	28	183	204	180	296	352	350
Nebraska.....	23	26	27	51	61	62	154	170	173	344	393	392
Nevada.....	7	10	12	19	23	30	134	162	140	385	393	340
New Hampshire.....	10	13	14	17	23	26	133	153	143	228	279	276
New Jersey.....	58	70	86	210	262	273	81	95	115	293	363	367
New Mexico.....	19	25	33	31	39	44	186	224	241	300	340	323
New York.....	185	188	236	749	766	728	102	104	134	412	423	412
North Carolina.....	62	80	87	127	161	201	122	147	144	250	296	335
North Dakota.....	10	11	13	18	19	21	165	168	189	285	299	313
Ohio.....	85	95	111	304	346	347	80	88	102	286	321	322
Oklahoma.....	37	45	62	70	85	106	145	166	196	274	314	334
Oregon.....	32	39	40	64	83	89	155	169	150	308	353	336
Pennsylvania.....	118	134	123	296	340	335	100	113	104	251	288	282
Rhode Island.....	14	18	20	22	24	23	149	194	211	230	262	245
South Carolina.....	34	51	58	69	82	98	130	182	181	267	291	306
South Dakota.....	10	12	12	22	21	22	153	169	172	330	312	321
Tennessee.....	49	55	65	114	144	149	124	131	140	290	343	320
Texas.....	112	148	176	342	435	551	100	121	115	306	355	361
Utah.....	17	25	28	31	35	41	158	207	117	291	290	266
Vermont.....	9	10	11	10	13	13	203	214	207	221	272	262
Virginia.....	64	80	94	120	162	173	137	162	172	259	325	314
Washington.....	55	62	67	105	116	125	160	174	158	308	328	295
West Virginia.....	30	36	34	42	50	60	174	201	175	238	277	309
Wisconsin.....	46	53	57	137	161	157	105	115	120	309	348	328
Wyoming.....	7	8	10	13	16	23	204	208	192	398	420	467

X Not applicable.

<sup>1</sup> Estimates subject to sampling variation; see source and Appendix III.

Source: U.S.: Bureau of the Census, *Census of Governments: 1977*, vol 6, No. 4, *Historical Statistics on Governmental Finances and Employment*, and, *Public Employment*, series GE, No. 1, annual.

# City Employment and Payroll

309

## NO. 495. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS: 1960 TO 1982

[For October, 1972 and 1977 based on complete count of all cities; other years based on sample and subject to sampling variation. Includes only those school systems operated as part of the general city government. Represents average for period of intervals shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

YEAR	ALL EMPLOYEES, FULL-TIME AND PART-TIME (1,000)		OCTOBER PAYROLLS (mil. dol.)		AVERAGE ANNUAL PERCENT CHANGE		FULL-TIME EQUIVALENT EMPLOYMENT (1,000)		AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES		
	Total	Excl. educa- tion	Total	Excl. educa- tion	All em- ployees	Octo- ber pay- roll	Total	Edcu- ation	Other	Edcu- ation	Other
1960.....	1,692	1,439	583	471	3.3	7.1	1,447	225	1,222	\$502	\$387
1965.....	1,884	1,560	818	649	2.2	7.0	1,638	282	1,356	603	480
1970.....	2,244	1,815	1,361	1,062	3.6	10.7	1,922	359	1,563	838	681
1971.....	2,273	1,838	1,482	1,167	1.3	8.9	1,980	366	1,594	876	735
1972.....	2,375	1,918	1,854	1,302	4.5	11.6	2,029	378	1,650	951	792
1973.....	2,471	1,992	1,855	1,441	4.0	12.2	2,109	402	1,707	1,045	846
1974.....	2,491	2,009	1,985	1,560	.8	7.0	2,127	405	1,722	1,060	909
1975.....	2,506	2,074	2,129	1,725	.6	8.3	2,142	376	1,767	1,130	972
1976.....	2,443	2,021	2,235	1,804	-2.5	5.0	2,107	360	1,747	1,207	1,035
1977.....	2,511	2,084	2,415	1,959	2.8	8.0	2,170	359	1,812	1,280	1,087
1978.....	2,511	2,096	2,537	2,059	(2)	5.1	2,165	361	1,804	1,341	1,148
1979.....	2,553	2,121	2,729	2,215	1.7	7.6	2,189	364	1,825	1,414	1,231
1980.....	2,561	2,130	2,942	2,403	.3	7.8	2,166	360	1,806	1,501	1,338
1981.....	2,469	2,056	3,222	2,640	-3.6	9.5	2,111	346	1,765	1,686	1,500
1982.....	2,440	2,059	3,419	2,844	-1.2	6.1	2,079	322	1,757	1,816	1,620

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

## NO. 496. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS—ALL CITIES AND CITIES WITH 50,000 POPULATION OR MORE: 1975 TO 1982

[As of October]

TYPE OF EMPLOYMENT	EMPLOYEES (1,000)						OCTOBER PAYROLLS (mil. dol.)					
	All cities <sup>1</sup>			Cities with 50,000 population or more <sup>2</sup>			All cities <sup>1</sup>			Cities with 50,000 population or more <sup>2</sup>		
	1975	1980	1982	1975	1980	1982	1975	1980	1982	1975	1980	1982
<b>Total.....</b>	<b>2,506</b>	<b>2,561</b>	<b>2,440</b>	<b>1,630</b>	<b>1,645</b>	<b>1,572</b>	<b>2,130</b>	<b>2,942</b>	<b>3,419</b>	<b>1,612</b>	<b>2,182</b>	<b>2,552</b>
Full-time.....	2,033	2,071	1,989	1,450	1,437	1,383	2,031	2,826	3,280	1,551	2,111	2,464
Part-time.....	468	489	451	180	208	188	98	116	138	60	71	88
<b>Full-time equivalent.....</b>	<b>2,143</b>	<b>2,186</b>	<b>2,079</b>	<b>1,508</b>	<b>1,493</b>	<b>1,436</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Education <sup>3</sup> .....	376	360	322	312	304	280	425	539	575	363	463	525
Percent of total.....	18	17	15	21	20	20	20	18	17	23	21	21
Instructional staff.....	277	266	233	226	224	205	346	436	466	295	376	426
Others.....	99	94	89	86	80	75	78	102	109	68	87	98
Highways.....	129	121	115	65	60	60	109	141	165	62	77	95
Public welfare.....	42	41	45	41	38	40	36	47	62	34	45	59
Hospitals.....	128	131	130	94	87	88	108	143	177	87	102	129
Health.....	38	35	33	35	32	30	35	47	51	33	44	47
Police protection.....	349	365	364	224	224	226	384	550	657	272	389	448
Fire protection.....	184	190	189	126	130	130	217	300	369	162	218	274
Sewerage.....	55	60	62	28	32	34	46	74	91	27	44	54
Sanitation.....	108	104	95	66	63	57	88	118	128	62	81	88
Parks and recreation.....	104	103	96	73	72	66	84	116	130	61	84	93
Housing, urban renewal.....	35	44	41	31	38	37	35	57	66	32	51	59
Correction.....	16	18	18	15	17	16	18	27	34	17	26	33
Libraries.....	38	34	33	28	25	23	30	38	43	23	28	32
Financial administration.....	61	69	68	34	38	37	54	85	100	33	51	60
General control.....	105	112	112	62	66	62	101	147	181	66	96	112
Local utilities <sup>4</sup> .....	200	209	212	136	139	144	206	306	368	155	225	275
Water supply.....	92	93	93	51	50	51	81	116	141	50	70	87
Electric power.....	46	44	46	27	24	26	49	67	87	32	41	56
Transit.....	56	66	66	54	62	63	71	115	131	70	110	126
All other functions.....	175	171	144	139	127	105	155	208	224	125	159	170

X Not applicable. <sup>1</sup> Data are estimates subject to sampling variation; see source and Appendix III. <sup>2</sup> 1980 and 1982 data based on 1980 population; 1975 based on population estimates in 1970. <sup>3</sup> City-operated schools and colleges only.

<sup>4</sup> Includes gas supply, not shown below.

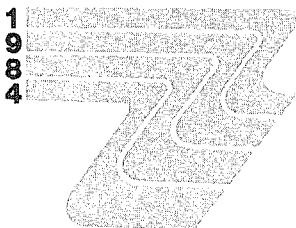
Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.

## NO. 497. CITY GOVERNMENT EMPLOYMENT AND PAYROLLS—SELECTED LARGE CITIES: 1970 TO 1982

[For October. See text, p. 270. Rank based on census of Population and Housing Advance Reports, series PHC 80-V-2 to 52]

CITIES RANKED BY POPULATION-SIZE, 1980	FULL-TIME EQUIVALENT EMPLOYMENT						OCTOBER PAYROLLS (mil. dol.)			AVERAGE EARNINGS IN OCTOBER, FULL-TIME EMPLOYEES (dol.)	
	Total (1,000)			Per 10,000 population <sup>1</sup>			1970	1975	1982	1970	1982
	1970	1975	1982	1970	1975	1982					
New York, N.Y. <sup>2</sup>	375	348	335	476	464	474	326	435	641	869	1,915
Chicago, Ill.	44	49	44	131	157	145	40	20	89	902	2,039
Los Angeles, Calif.	42	47	40	150	172	135	42	64	93	990	2,331
Philadelphia, Pa.	34	38	32	177	209	191	30	45	63	866	1,972
Houston, Tex.	10	14	19	81	107	122	7	13	35	679	1,785
Detroit, Mich.	26	21	20	172	153	167	21	26	40	802	2,022
Dallas, Tex.	11	13	14	134	163	154	8	13	25	693	1,799
San Diego, Calif.	5	7	7	78	89	79	5	9	14	868	1,975
Phoenix, Ariz.	5	7	8	94	110	105	4	7	16	718	1,945
Baltimore, Md. <sup>2</sup>	37	41	33	412	475	413	26	37	50	704	1,548
San Antonio, Tex.	8	11	11	128	143	137	5	10	16	648	1,531
Honolulu, Hawaii	7	9	8	110	126	110	6	9	14	811	1,733
Indianapolis, Ind.	6	11	11	78	160	157	3	8	15	500	1,410
San Francisco, Calif.	20	22	* 21	285	324	* 306	19	27	* 42	945	* 2,017
Memphis, Tenn. <sup>2</sup>	24	22	* 22	387	328	* 333	15	20	* 39	618	* 1,812
Washington, D.C. <sup>2</sup>	49	46	39	642	643	615	39	57	79	804	2,019
Milwaukee, Wis.	10	10	9	138	145	139	8	11	17	798	1,965
San Jose, Calif.	3	4	4	59	66	64	3	5	10	970	2,525
Cleveland, Ohio	16	13	9	210	197	160	10	13	16	621	1,747
Columbus, Ohio	5	7	6	94	124	115	4	7	10	734	1,533
Boston, Mass. <sup>2</sup>	25	25	19	382	390	332	18	27	33	753	1,740
New Orleans, La.	10	11	10	169	188	181	5	7	15	465	1,488
Jacksonville, Fla.	6	10	10	115	194	182	4	9	15	716	1,648
Seattle, Wash.	10	9	8	188	180	170	8	10	19	820	2,262
Denver, Colo.	9	12	11	173	252	232	6	13	22	710	1,901
Nashville-Davidson, Tenn. <sup>2</sup>	14	19	16	319	425	344	9	15	25	632	1,617
St. Louis, Mo.	13	14	11	215	257	244	9	12	16	642	1,457
Kansas City, Mo.	6	7	8	113	137	170	4	7	12	696	1,682
El Paso, Tex.	3	4	* 4	85	90	* 99	2	3	* 6	562	* 1,355
Atlanta, Ga.	7	9	8	147	204	179	4	7	11	612	1,486
Pittsburgh, Pa.	7	6	* 6	135	121	* 135	5	5	* 6	679	* 1,116
Oklahoma City, Okla.	4	4	4	97	104	111	2	3	7	559	1,594
Cincinnati, Ohio	3	13	* 17	5	* 297	* 421	156	* 9	* 17	648	1,835
Fort Worth, Tex.	4	4	5	100	122	126	3	4	8	647	1,608
Minneapolis, Minn.	5	6	4	117	146	125	4	7	10	825	2,178
Portland, Oreg.	5	5	4	121	132	111	4	6	9	790	2,242
Long Beach, Calif.	5	5	4	127	152	131	4	7	10	913	2,172
Tulsa, Okla.	3	3	* 4	83	98	* 115	2	3	* 5	621	* 1,184
Buffalo, N.Y. <sup>2</sup>	13	13	10	200	325	294	11	14	18	829	1,743
Toledo, Ohio	4	4	3	98	105	82	3	4	6	823	1,979
Miami, Fla.	4	4	4	126	100	113	3	5	9	804	2,173
Baton Rouge, La.	3	3	5	89	104	138	1	2	6	528	1,354
Austin, Tex.	4	6	* 7	102	132	* 209	4	6	* 11	953	* 1,593
Oakland, Calif.	4	4	3	102	132	103	4	6	8	953	2,391
Albuquerque, N.M.	3	4	4	107	137	116	2	3	7	654	1,768
Tucson, Ariz.	2	4	4	94	150	114	2	4	7	697	1,821
Newark, N.J. <sup>2</sup>	16	18	* 14	407	542	* 414	12	17	* 23	814	* 1,691
Charlotte, N.C.	3	4	4	113	137	124	2	4	6	667	1,534
Omaha, Nebr.	3	4	3	75	88	89	2	3	5	662	1,929
Louisville, Ky.	6	6	4	161	166	150	4	5	7	672	1,539
Birmingham, Ala.	4	4	3	120	134	119	2	3	5	573	1,506
Wichita, Kans.	3	3	3	95	115	106	2	3	5	607	1,633
Sacramento, Calif.	3	3	3	112	131	103	2	4	6	824	2,069
Tampa, Fla.	4	4	4	146	152	155	2	4	6	453	1,430
St. Paul, Minn.	3	3	3	89	120	108	2	4	6	874	2,089
Norfolk, Va. <sup>2</sup>	10	12	9	309	401	352	6	9	13	590	1,337
Virginia Beach, Va. <sup>2</sup>	4	7	9	257	321	343	3	5	13	(NA)	1,472
Rochester, N.Y. <sup>2</sup>	11	10	7	356	372	292	8	11	14	739	2,037
Akron, Ohio	3	3	3	103	124	114	2	3	4	716	1,642
St. Petersburg, Fla.	4	3	3	171	147	123	2	3	4	529	1,543
Corpus Christi, Tex.	2	3	* 3	112	136	* 123	1	3	* 3	(NA)	* 942
Jersey City, N.J. <sup>2</sup>	7	8	8	284	341	355	6	8	13	792	1,602
Anaheim, Calif.	1	2	2	85	102	100	1	2	5	938	2,271
Richmond, Va. <sup>2</sup>	10	10	10	401	442	457	7	9	14	(NA)	1,350

NA Not available. <sup>1</sup> 1970 and 1982 based on 1970 and 1980 enumerated population; 1975 based on 1975 population estimates. <sup>2</sup> Includes city-operated elementary and secondary schools. <sup>3</sup> Includes city-operated university or college.<sup>4</sup> 1981 data. <sup>5</sup> Noneducation data are for October 1981; other data are for October 1982. <sup>6</sup> 1977 data. <sup>7</sup> 1979 data.Source: U.S. Bureau of the Census, *City Employment*, series GE, No. 2, annual.



---

## Section 11

# Federal Government Finances and Employment

---

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*, the official report relating to the receipts, appropriations, outlays, and fund accounts. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management (formerly Civil Service Commission) and the Bureau of Labor Statistics (see p. 312). The primary source for data on public lands is *Public Land Statistics*, published annually by the Bureau of Land Management, Department of the Interior. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World*.

**Budget concept.**—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Fund balances include both cash balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. In recent years, however, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of the Rural Electrification Administration. For fiscal year 1983, these activities (i.e., off-budget Federal entities; see below) are estimated to equal 2.1 percent of the unified budget. Data showing unified budget totals of budget receipts and outlays are presented in the 1984 Budget for the years 1940 to 1986; more detailed tables generally show data since 1972.

Receipts arising from the Government's sovereign powers are reported as governmental receipts; all other receipts, i.e., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

**Debt concept.**—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is covered by a statutory debt limitation, currently \$1,290.2 billion, includes only borrowing by the Treasury.

**Off-budget Federal entities.**—Off-budget Federal entities are federally owned and controlled, but their transactions are excluded from the budget totals under provisions of law. Therefore, their fiscal activities are not reflected in either budget outlays or the budget surplus or deficit; appropriation requests for their programs are not included in the totals of budget authority for the budget; and their outlays are not subject to the ceilings set by the congressional budget resolutions. The surplus or deficit of the off-budget Federal entities is added to the budget surplus or deficit to arrive at the "total Federal Government surplus or deficit", which is financed by borrowing from the public or by other means. When off-budget outlays are financed by Treasury borrowing, the additional debt is subject to statutory debt limitation; when financed by the entities' own borrowing, it is not. In either case, the additional debt is part of the gross Federal debt.

**Treasury receipts and outlays.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition or availability for expenditure. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement*. Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States*.

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Monthly Treasury Statement of Receipts and Outlays of the United States Government* and in the annual *Treasury Combined Statement of Receipts, Expenditures, and Balances of the United States Government*. These deposits in, and payments from, accounts maintained by Government agencies are on the same basis as the unified budget.

The quarterly *Treasury Bulletin* contains analytical material on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

**Income tax returns and tax collections.**—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner of the Internal Revenue Service* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's four annual *Statistics of Income* reports present detailed data from individual income tax returns, corporation income tax returns, sole proprietorship returns and partnership returns, respectively. The quarterly *Statistics of Income Bulletin* has, in general, replaced the supplemental *Statistics of Income* publications which presented data on such diverse subjects as local area data for individuals as well as data from fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

**Relation to national income accounts and GNP.**—The Federal sector of the national income and product accounts focuses upon Federal transactions (comprising both Federal and trust funds) entering into national income, the gross national product, and other parts of the national economic accounts (see table 501). These accounts, however, include only receipts and outlays which directly affect the current flow of income and output, and therefore exclude such transactions as loans. Also, the Federal sector account records many taxes as they accrue, instead of as they are collected, and records most purchases at the time of delivery.

**Employment and payrolls.**—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency and the National Security Agency. Employment figures represent the number of persons who occupied civilian positions on the last day of the calendar month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment. Through December 1978, intermittent workers were counted if they performed any service during the reporting month.

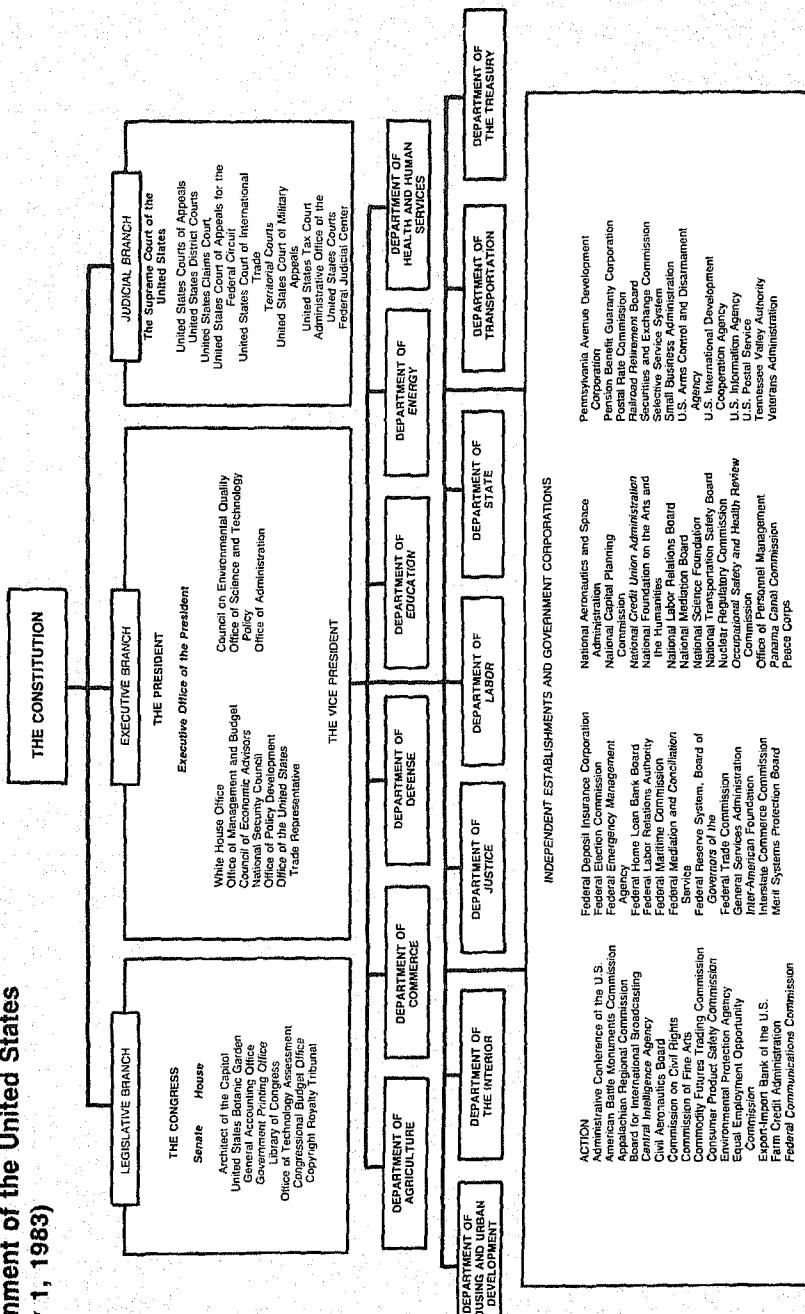
Federal payrolls include all payments for personal services rendered during the calendar month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Annual Report* and its *Monthly Release of Federal Civilian Work Force Statistics*. It also publishes biennial employment data for minority groups, geographic distribution, and data on occupations of white- and blue-collar workers; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white collar; wage system primarily blue collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment*.

**Applications, entries, selections, patents, and certifications.**—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

**Figure 11.1  
The Government of the United States  
(As of July 1, 1983)**

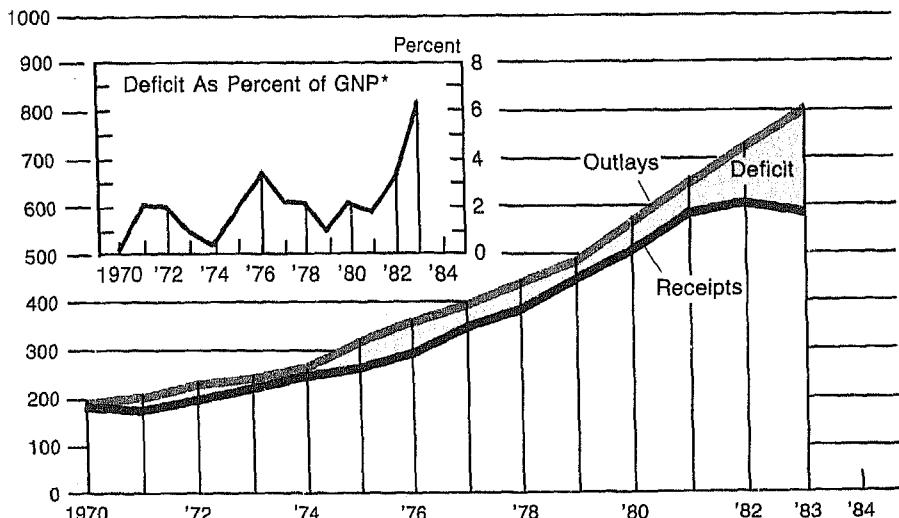


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 542.

Figure 11.2

**Federal Budget Receipts and Outlays: 1970 to 1983**

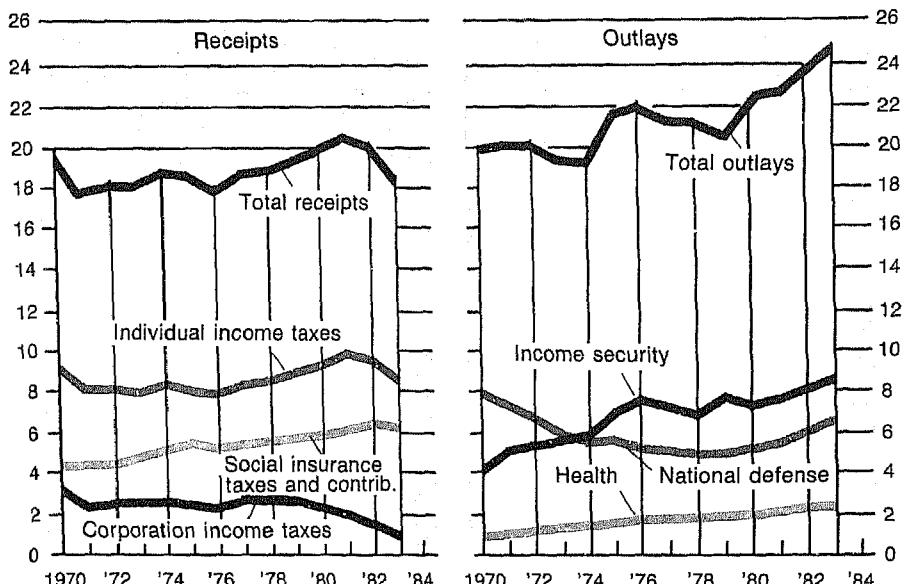
Billions of dollars



\* Gross national product

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 498.

Figure 11.3

**Federal Budget Receipts and Outlays As a Percent of GNP: 1970 to 1983**

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 500 and 508.

## NO. 498. FEDERAL BUDGET—SUMMARY: 1940 TO 1983

[In billions of dollars, except percent. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. Minus sign (—) indicates deficit or decline. See also *Historical Statistics, Colonial Times to 1970*, series Y 339-342]

YEAR	Receipts	Outlays	Surplus or deficit (—)	Out- standing gross debt <sup>1</sup>	ANNUAL PERCENT CHANGE <sup>2</sup>			PERCENT OF GNP <sup>3</sup>		Outlays, off- budget Federal entities <sup>4</sup>
					Receipts	Outlays	Out- standing gross debt	Outlays	Out- standing gross debt	
1940	6.4	9.5	-3.1	50.7	+ 27.8	+ 7.0	+ 5.1	10.0	53.4	(x)
1945	45.2	92.7	-47.5	260.1	+ 48.0	+ 57.9	+ 38.7	42.7	119.9	(x)
1950	39.5	42.6	-3.1	256.9	-2.7	-14.4	-3	16.1	96.9	(x)
1955	65.5	69.5	-3.0	274.4	+ 10.6	+ 10.0	+ 1.3	18.0	72.1	(x)
1960	92.5	92.2	.3	290.9	+ 7.2	+ 6.1	+ 1.2	18.5	56.4	(x)
1961	94.4	97.8	-3.4	292.9	+ 2.1	+ 6.0	+ .7	19.2	57.5	(x)
1962	99.7	106.8	-7.1	303.3	+ 5.6	+ 9.2	+ 3.6	19.5	55.3	(x)
1963	105.6	111.3	-4.8	310.8	+ 6.9	+ 4.2	+ 2.5	19.3	53.8	(x)
1964	112.7	118.6	-5.9	316.8	+ 5.7	+ 6.5	+ 1.9	19.2	51.2	(x)
1965	116.8	118.4	-1.6	323.2	+ 3.7	+ 1.1	+ 2.0	18.0	49.0	(x)
1966	130.9	134.7	-3.8	329.5	+ 12.0	+ 13.7	+ 2.0	18.6	45.5	(x)
1967	148.9	157.6	-8.7	341.3	+ 13.8	+ 17.0	+ 3.6	20.3	43.9	(x)
1968	153.0	178.1	-25.2	369.8	+ 2.7	+ 13.0	+ 8.3	21.4	44.5	(x)
1969	186.9	183.6	3.2	367.1	+ 22.2	+ 3.1	+ .7	20.2	40.3	(x)
1970	192.8	195.7	-2.8	382.6	+ 3.2	+ 6.5	+ 4.2	20.2	39.5	(x)
1971	187.1	210.2	-23.0	409.5	-2.9	+ 7.4	+ 7.0	20.4	39.7	(x)
1972	207.3	230.7	-23.4	437.3	+ 10.8	+ 9.8	+ 6.8	20.4	38.7	(x)
1973	230.8	245.6	-14.8	466.4	+ 11.3	+ 6.5	+ 7.1	19.6	37.4	1
1974	263.2	267.9	-4.7	486.2	+ 14.0	+ 9.1	+ 3.8	19.4	35.3	1.4
1975	279.1	324.2	-45.2	544.1	+ 6.0	+ 21.0	+ 11.9	21.9	36.8	8.1
1976	298.1	364.5	-66.4	631.9	+ 6.8	+ 12.4	+ 16.1	22.2	38.5	7.3
1976, TQ <sup>b</sup>	81.2	94.2	-13.0	645.4	(x)	(x)	(x)	(x)	(x)	1.8
1977	355.6	400.5	-44.9	709.1	+ 19.3	+ 9.8	+ 12.2	21.5	36.1	8.7
1978	399.6	448.4	-48.8	780.4	+ 12.4	+ 11.9	+ 10.1	21.4	37.3	10.4
1979	463.3	491.0	-27.7	833.8	+ 16.0	+ 9.5	+ 6.8	20.8	35.4	12.5
1980	517.1	576.7	-59.6	914.3	+ 11.6	+ 17.4	+ 9.7	22.4	35.5	14.2
1981	599.3	657.2	-57.9	1,003.9	+ 15.9	+ 14.0	+ 9.8	22.9	35.0	21.0
1982	617.8	728.4	-110.6	1,147.0	+ 3.1	+ 10.8	+ 14.2	24.0	37.8	17.3
1983, est.	597.5	805.2	-207.7	1,383.7	-3.3	+ 10.5	+ 20.6	25.2	43.3	17.0

X Not applicable. <sup>a</sup> End of fiscal year. See text, p. 311 for discussion of debt concept. <sup>b</sup> For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>c</sup> Gross national product as of fiscal year; for calendar year GNP, see table 734. <sup>d</sup> Federal Government allocations other than those reflected in budget outlays; see text for explanation.

<sup>e</sup> Change from 1939; from previous year shown for all other years. <sup>f</sup> Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

## NO. 499. FEDERAL BUDGET RECEIPTS, OUTLAYS, AND DEBT: 1960 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. Beginning 1975, budget totals include transactions of the Export-Import Bank. See also *Historical Statistics, Colonial Times to 1970*, series Y 339-342]

DESCRIPTION	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
<b>Receipts</b>	92.5	116.8	192.8	279.1	355.6	399.6	463.3	517.1	599.3	617.8	597.5
Federal funds	75.6	90.9	143.2	187.5	241.3	270.5	316.4	350.9	410.4	409.3	376.9
Trust funds	19.2	29.2	58.4	116.7	150.6	165.6	187.0	210.9	239.4	268.4	314.8
Interfund transactions	-2.4	-3.3	-8.8	-25.1	-36.3	-36.5	-40.1	-44.7	-50.6	-59.9	-94.2
<b>Outlays</b>	92.2	118.4	195.7	324.2	400.5	448.4	491.0	576.7	657.2	728.4	805.2
Federal funds	74.9	94.8	156.3	240.1	295.8	332.0	362.4	419.2	475.2	526.1	603.0
Trust funds	19.7	26.9	48.1	109.3	141.1	152.9	166.7	202.1	232.6	262.2	298.4
Interfund transactions	-2.4	-3.3	-8.8	-25.1	-36.3	-36.5	-40.1	-44.7	-50.6	-59.9	-94.2
Surplus or deficit (-)	.3	-1.6	-2.8	-45.2	-44.9	-48.6	-27.7	-59.6	-57.9	-110.6	-207.7
Federal funds	.8	-3.9	-13.1	-52.6	-54.4	-61.5	-46.0	-68.4	-64.7	-116.9	-226.1
Trust funds	-.5	2.3	10.3	7.4	9.5	12.7	18.3	8.8	6.8	6.3	18.4
<b>Outstanding debt<sup>1</sup></b>	290.9	323.2	382.6	544.1	709.1	780.4	833.6	914.3	1,003.9	1,147.0	1,383.7
Gross Federal debt held by:											
Government agencies	53.7	61.5	97.7	147.2	157.3	169.5	189.2	199.2	209.5	217.6	239.3
The public	237.2	261.6	284.9	396.9	551.8	610.9	644.6	715.1	794.4	929.4	1,144.4
Federal Reserve System	26.5	39.1	57.7	85.0	105.0	115.5	115.6	120.8	124.5	(NA)	(NA)
Others	210.7	222.5	227.2	311.9	446.8	495.5	529.0	594.3	670.0	794.9	(NA)
Outlays as percent of GNP <sup>2</sup>	18.5	18.0	20.2	21.9	21.5	21.4	20.8	22.4	22.9	24.0	25.2
National defense	9.1	7.2	8.1	5.8	5.2	5.0	5.0	5.3	5.6	6.2	6.7
Human resources <sup>3</sup>	5.6	6.0	8.0	12.4	12.7	12.4	11.9	12.7	12.9	13.1	13.8
All other	3.8	4.8	4.0	3.8	3.5	4.1	3.9	4.3	4.4	4.8	4.7

NA Not available. <sup>a</sup> End of fiscal year. <sup>b</sup> See footnote 3, table 498.

<sup>c</sup> Education, training, employment, social services, health, income security, and veterans benefits and services.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

No. 500. FEDERAL BUDGET—RECEIPTS BY SOURCE AND OUTLAYS BY DETAILED FUNCTION:  
1980 TO 1983

[In billions of dollars. For years ending Sept. 30. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. Covers both Federal funds and trust funds (see p. 311). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 335-339, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1980	1981	1982	1983, est.	SOURCE OR FUNCTION	1980	1981	1982	1983, est.
<b>Surplus or deficit (-)</b>	<b>-59.6</b>	<b>-57.9</b>	<b>-110.6</b>	<b>-207.7</b>	<b>Commerce and housing credit</b>	<b>7.8</b>	<b>3.9</b>	<b>3.9</b>	<b>1.9</b>
BY SOURCE					Mortgage credit and thrift insurance	.7	.7	1.2	.6
Total receipts <sup>1</sup>	517.1	599.3	617.8	597.5	Payment to Postal Service	1.7	1.3	.7	.8
Individual income taxes	244.1	285.9	297.7	285.2	Other commerce	2.4	2.0	1.9	1.8
Corporation income taxes	64.6	61.1	49.2	35.3	Transportation <sup>1</sup>	21.1	23.4	20.6	21.9
Social insurance taxes and contributions	157.8	182.7	201.5	210.3	Ground transportation	15.1	17.1	14.3	14.6
Employment taxes and contributions	138.7	163.0	160.7	186.4	Air transportation	3.8	3.9	3.6	4.2
Unemployment insurance	15.3	15.8	16.6	19.5	Water transportation	2.2	2.4	2.7	3.1
Contributions for other insurance and retirement	3.7	4.0	4.2	4.4	Natural resources and environment <sup>1</sup>	13.8	13.5	12.9	12.1
Excise taxes	24.3	40.8	36.3	37.3	Water resources	4.3	4.2	4.0	4.0
Estate and gift taxes	6.4	6.8	8.0	6.1	Conservation and land management	2.3	2.6	2.7	2.7
Customs duties	7.2	8.1	8.9	8.8	Recreational resources	1.7	1.6	1.5	1.7
Miscellaneous receipts	12.7	13.8	16.2	14.5	Pollution control and abatement	5.5	5.2	5.0	4.3
Federal Reserve earning deposits	11.8	12.8	15.2	13.4	Other natural resources	1.4	1.5	1.5	1.6
BY FUNCTION					Energy <sup>1</sup>	6.3	10.3	4.7	4.5
Total outlays <sup>1</sup>	576.7	657.2	728.4	805.2	Supply	4.6	5.4	3.2	2.8
National defense <sup>1</sup>	135.9	159.8	187.4	214.8	Conservation	.6	.8	.5	.7
Dept. of Defense, military	132.0	156.1	162.9	208.9	Emergency preparedness	.3	3.3	.2	.3
Atomic energy defense activities	2.9	3.4	4.3	5.5	Information, policy, and regulation	.9	.9	.9	.9
Defense related activities	.1	.3	.3	.4	Community and regional development	10.1	9.4	7.2	7.4
International affairs	10.7	11.1	10.0	11.9	Community development	4.9	5.1	4.6	4.5
Foreign economic and financial assistance	3.7	4.2	3.9	4.3	Area and regional development	3.2	2.7	2.7	2.8
Conduct of foreign affairs	1.4	1.3	1.6	1.7	Disaster relief and insurance	2.0	1.6	-.1	.1
Foreign information and exchange	.5	.5	.6	.7	Agriculture <sup>1</sup>	4.8	5.6	14.9	21.1
International financial programs activities	2.4	2.0	.9	1.3	Food income stabilization	3.5	4.0	13.3	19.4
International Security assistance	2.8	3.1	3.1	4.0	Research and services	1.4	1.5	1.6	1.7
Income security	193.1	225.1	248.3	282.5	Interest	52.5	68.7	84.7	88.9
General retirement and disability insurance	123.7	145.0	161.8	176.2	General purpose fiscal assistance	8.6	6.9	6.4	6.4
Social Security	117.1	138.0	154.1	168.3	Revenue sharing	6.8	5.1	4.6	4.6
Federal employee retirement and disability	14.7	17.5	19.4	20.9	General science, space, and technology <sup>1</sup>	5.7	6.4	7.1	7.8
Housing assistance	5.5	6.9	8.0	9.6	General science and basic research <sup>2</sup>	1.4	1.5	1.6	1.6
Food and nutrition assistance	14.0	16.2	15.6	17.8	Space flight	2.6	3.1	3.5	4.0
Other income security	17.2	19.7	19.8	21.1	Space science, applications and technology <sup>3</sup>	1.3	1.4	1.5	1.5
Unemployment insurance	18.0	19.7	23.8	36.9	General government <sup>1</sup>	4.5	4.6	4.7	5.8
Health	55.2	66.0	74.0	82.4	Legislative functions	1.0	1.0	1.2	1.3
Health care services	50.1	60.4	68.4	76.5	Management, direction (Exec.)	.1	.1	-.1	.1
Health research	3.4	3.8	3.9	4.2	Central fiscal operations	2.5	2.6	2.7	3.3
Education and training of health care workforce	.7	.8	.7	General property and records management	.4	.2	.3	.8	
Consumer and occupational health and safety	1.0	1.0	1.0	Administrations of justice	4.6	4.7	4.7	5.3	
Veterans benefits and services <sup>1</sup>	21.2	23.0	24.0	Federal law enforcement	2.2	2.4	2.5	3.0	
Income security	11.7	12.9	13.7	Federal judicial activities <sup>4</sup>	1.3	1.5	1.5	1.7	
Education, training, and rehabilitation	2.3	2.3	1.9	Federal correctional activities	.3	.4	.4	.4	
Hospital and medical care	6.5	7.0	7.5	Criminal justice assistance	.7	.5	.3	.2	
Housing	-(Z)	.2	.1	Undistributed offsetting receipts	-21.9	-30.3	-29.3	-36.4	
Education, training, employment, and social services <sup>1</sup>	30.8	31.4	26.3	Employer share, employee retirement	-5.8	-6.4	-7.0	-8.2	
Elementary, secondary, and vocational education	6.7	7.0	6.8	Interest received by trust funds	-12.0	-13.8	-16.1	-16.3	
Higher education	5.7	6.8	6.5	Rents and royalties <sup>2</sup>	-4.1	-10.1	-6.3	-11.8	
Research and general education aids	1.4	1.2	1.0	ADDENDUM					
Training and employment	10.3	9.2	5.5	Off-budget Federal entities <sup>1</sup>	14.2	21.0	17.3	17.0	
Social services	6.1	6.5	6.0	Energy supply	3.8	4.9	5.2	6.1	

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$50 million. <sup>3</sup> Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. <sup>4</sup> On Outer Continental Shelf. <sup>5</sup> Includes supporting space activities. <sup>6</sup> Includes litigative activities.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

# Receipts and Expenditures—Trust Funds

317

## NO. 501. FEDERAL RECEIPTS AND EXPENDITURES IN THE NATIONAL INCOME ACCOUNTS: 1960 TO 1983

[In billions of dollars. For years ending June 30 except, beginning 1978, ending Sept. 30. Includes transactions of trust accounts]

RECEIPTS AND EXPENDITURES	1960	1965	1970	1975	1978	1979	1980	1981	1982	1983, est.
<b>Receipts, total</b>	<b>94.8</b>	<b>120.0</b>	<b>194.9</b>	<b>293.4</b>	<b>414.3</b>	<b>480.0</b>	<b>525.1</b>	<b>614.7</b>	<b>618.2</b>	<b>627.9</b>
Personal tax and nontax receipts	42.5	51.4	93.6	127.5	186.5	222.6	250.1	291.7	303.0	293.1
Corporate profits tax accruals	22.3	27.1	33.0	41.8	67.3	76.1	70.0	70.9	50.1	50.5
Indirect business tax and nontax accruals	13.2	16.9	19.2	22.2	27.2	29.1	34.7	55.7	50.7	55.2
Contributions for social insurance	16.7	24.5	49.2	91.9	133.3	153.1	170.3	196.3	214.4	229.1
<b>Expenditures, total<sup>1</sup></b>	<b>91.3</b>	<b>118.5</b>	<b>195.6</b>	<b>328.8</b>	<b>450.4</b>	<b>495.6</b>	<b>577.0</b>	<b>666.5</b>	<b>739.7</b>	<b>829.0</b>
Purchases of goods and services	52.9	64.6	97.0	117.9	150.4	164.1	189.8	218.1	250.1	279.0
National defense	44.5	47.9	55.3	80.2	97.8	108.2	126.5	146.6	173.0	199.4
Nondefense	8.4	16.6	21.7	37.7	52.6	55.9	63.3	71.5	77.1	79.6
Transfer payments	22.5	30.6	57.0	134.5	182.2	201.8	239.4	279.2	310.8	348.6
Domestic (to persons)	20.6	28.4	55.0	131.4	178.7	197.8	234.6	273.4	304.8	342.2
Foreign	1.8	2.2	2.0	3.1	3.5	4.1	4.8	5.7	6.0	6.4
Grants-in-aid: State and local govts	6.9	10.9	22.6	48.4	74.7	79.1	86.7	90.1	83.4	86.9
Net interest paid	6.8	8.2	13.6	21.7	33.5	40.6	50.6	66.2	82.5	92.4
Subsidies less current surplus of government enterprises	2.4	4.3	5.4	6.0	9.7	9.9	10.5	13.1	12.8	22.1
<b>Surplus (+) or deficit (-)</b>	<b>+3.5</b>	<b>+1.5</b>	<b>-6</b>	<b>-45.4</b>	<b>-36.1</b>	<b>-14.8</b>	<b>-51.9</b>	<b>-51.9</b>	<b>-121.5</b>	<b>-201.1</b>

<sup>1</sup> For some years, includes wage disbursements less accruals, not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

## NO. 502. FEDERAL TRUST FUND RECEIPTS, OUTLAYS, AND BALANCES: 1970 TO 1983

[In billions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Receipts based on collections received and deposited. Outlays stated on a checks-issued basis, less refunds collected. Balances: That portion of funds authorized for use which have not been spent. See text, p. 311 for discussion of the budget concept and trust funds]

TYPE OF FUND	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
<b>Total receipts<sup>1</sup></b>	<b>59.4</b>	<b>118.6</b>	<b>152.8</b>	<b>168.0</b>	<b>189.6</b>	<b>213.9</b>	<b>239.4</b>	<b>268.4</b>	<b>314.8</b>
OASDI <sup>2</sup> trust funds	36.1	66.7	81.2	89.6	102.1	117.4	134.6	148.0	172.2
Health insurance trust funds	7.5	16.9	22.8	27.6	31.7	35.7	45.3	55.2	59.5
State and local fiscal assistance trust funds <sup>3</sup>	(x)	6.2	6.7	6.9	6.9	6.9	4.6	4.6	4.6
Unemployment insurance funds	4.1	8.2	15.0	15.2	15.9	16.2	18.1	20.5	32.0
Railroad employees retirement funds	1.7	2.8	3.6	3.9	4.2	4.4	4.7	4.9	6.4
Federal employees retirement funds	4.7	11.5	16.7	17.8	20.5	24.5	28.6	32.0	35.2
Airport and airway trust funds	(x)	1.1	1.4	1.5	1.8	2.3	6	7	2.8
Highway trust funds	5.5	6.8	7.3	7.6	8.0	7.6	7.4	7.8	9.6
Foreign military sales trust funds	.8	4.4	9.4	8.4	8.5	7.7	9.5	11.8	12.3
Veterans life insurance funds	.8	.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
<b>Total outlays<sup>1</sup></b>	<b>49.1</b>	<b>111.2</b>	<b>143.3</b>	<b>155.3</b>	<b>171.3</b>	<b>205.1</b>	<b>232.6</b>	<b>262.2</b>	<b>295.4</b>
OASDI <sup>2</sup> trust funds	30.3	64.7	85.1	93.9	104.1	118.6	139.6	158.0	170.5
Health insurance trust funds	7.1	14.8	21.5	25.2	29.1	35.0	42.5	50.4	57.3
State and local fiscal assistance trust funds <sup>4</sup>	(x)	6.1	6.8	6.8	6.8	5.1	4.6	4.6	4.6
Unemployment insurance funds	3.6	13.2	14.1	11.2	11.2	16.4	18.7	24.3	35.7
Railroad employees retirement funds	1.6	3.1	3.8	4.0	4.3	4.7	5.3	5.4	6.8
Federal employees retirement funds	2.8	7.1	9.7	11.0	12.5	14.9	17.9	19.7	21.3
Airport and airway trust funds	(x)	.6	.9	1.1	1.1	1.2	1.3	1.5	2.2
Highway trust funds	4.4	4.8	6.1	6.1	7.2	9.2	9.2	8.0	8.6
Foreign military sales trust funds	1.0	3.5	8.2	8.1	7.1	8.8	9.9	12.0	12.8
Veterans life insurance funds	.8	.8	.8	.7	.1	1.0	1.0	1.0	1.0
<b>Balances</b>	<b>97.2</b>	<b>142.6</b>	<b>152.5</b>	<b>165.2</b>	<b>183.6</b>	<b>192.4</b>	<b>199.1</b>	<b>205.4</b>	<b>223.8</b>
OASDI <sup>2</sup> trust funds	37.7	48.2	39.6	35.4	33.4	32.3	27.2	19.3	33.5
Health insurance trust funds	2.7	11.3	13.4	15.8	18.4	19.0	21.8	26.7	16.5
State and local fiscal assistance trust funds	(x)	1.7	1.8	1.8	1.8	1.8	1.3	1.3	1.3
Unemployment trust fund	13.1	7.4	6.5	10.4	15.1	14.9	14.4	10.7	7.3
Railroad employees retirement accounts	4.8	4.3	3.2	3.1	3.1	2.7	2.0	1.3	.5
Federal employees retirement funds	22.5	38.8	49.9	56.7	64.7	74.3	85.0	97.3	111.2
Airport and airway trust fund	(x)	2.0	3.3	3.7	4.4	5.4	4.7	3.9	4.5
Highway trust funds	2.6	9.6	10.2	11.7	12.6	11.0	9.3	9.0	10.0
Foreign military sales trust fund	.5	2.1	4.6	4.9	6.3	5.2	4.7	4.6	4.1
Veterans life insurance funds	7.1	7.7	8.0	8.3	8.4	8.5	8.6	8.8	9.0
Other trust funds (nonrevolving)	.6	.7	.9	1.0	1.3	1.7	2.2	2.8	3.1
Trust revolving funds	5.5	8.9	11.2	12.5	14.1	15.5	17.7	19.7	23.0

X Not applicable. <sup>1</sup> After deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. <sup>2</sup> Old-age, survivors, and disability insurance. <sup>3</sup> Deposits for general revenue sharing. <sup>4</sup> Payments for general revenue sharing.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

## Federal Government Finances and Employment

## NO. 503. FEDERAL BUDGET RECEIPTS, BY MAJOR SOURCE: 1960 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 343-351]

MAJOR SOURCE	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
<b>Total receipts.....</b>	<b>92.5</b>	<b>116.8</b>	<b>192.8</b>	<b>279.1</b>	<b>355.6</b>	<b>399.6</b>	<b>463.3</b>	<b>517.1</b>	<b>599.3</b>	<b>617.8</b>	<b>597.5</b>
Individual income taxes.....	40.7	48.8	90.4	122.4	157.6	181.0	217.8	244.1	285.9	297.7	285.2
Social insurance taxes and contributions.....	14.7	22.3	44.4	84.5	106.5	121.0	138.9	157.8	182.7	201.5	210.3
Employment taxes and contributions.....	11.2	17.4	39.1	75.2	92.2	103.9	120.1	138.7	163.0	180.7	186.4
Unemployment insurance.....	2.7	3.8	3.5	6.8	11.3	13.9	15.4	15.3	15.8	16.6	19.5
Other contributions.....	.8	1.1	1.8	2.6	3.0	3.2	3.5	3.7	4.0	4.2	4.4
Corporation income taxes.....	21.5	25.5	32.8	40.6	54.9	60.0	65.7	64.6	61.1	49.2	35.3
Excise taxes.....	11.7	14.6	15.7	16.6	17.5	18.4	18.7	24.3	40.8	38.3	37.3
Estate and gift taxes.....	1.6	2.7	3.6	4.6	7.3	5.3	5.4	6.4	6.8	8.0	6.1
Customs duties.....	1.1	1.4	2.4	3.7	5.2	6.6	7.4	7.2	8.1	8.9	8.8
Miscellaneous receipts.....	1.2	1.6	3.4	6.7	6.5	7.4	9.3	12.7	13.8	16.2	14.5
<b>PERCENT DISTRIBUTION</b>											
Individual income taxes.....	44.0	41.8	46.9	43.9	44.3	45.3	47.0	47.2	47.7	48.2	47.7
Social insurance taxes and contributions.....	15.9	19.1	23.0	30.3	29.9	30.3	30.0	30.5	30.5	32.6	35.2
Employment taxes and contributions.....	12.1	14.9	20.3	27.1	25.9	26.0	25.9	26.8	27.1	29.2	31.2
Corporation income taxes.....	23.2	21.8	17.0	14.6	15.4	16.0	14.2	12.5	10.2	8.0	5.9
Excise taxes.....	12.6	12.5	8.1	5.9	4.9	4.6	4.0	4.7	6.8	5.9	6.2
Customs, estate, and gift taxes.....	2.9	3.6	3.2	3.0	3.5	3.0	2.7	2.6	2.5	2.7	2.5
Miscellaneous receipts.....	1.3	1.4	1.8	2.4	1.8	1.9	2.0	2.5	2.3	2.6	2.4

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1983 edition.

## NO. 504. EXECUTIVE CONTROLLABILITY OF FEDERAL BUDGET OUTLAYS: 1970 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30; transition quarter, July-Sept. 1976, omitted. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
<b>Total outlays.....</b>	<b>195.7</b>	<b>324.2</b>	<b>364.5</b>	<b>400.5</b>	<b>448.4</b>	<b>491.0</b>	<b>576.7</b>	<b>657.2</b>	<b>728.4</b>	<b>805.2</b>
<b>Relatively uncontrollable outlays.....</b>	<b>123.2</b>	<b>228.4</b>	<b>257.5</b>	<b>283.5</b>	<b>323.8</b>	<b>354.8</b>	<b>424.4</b>	<b>485.0</b>	<b>548.4</b>	<b>614.0</b>
Percent of total outlays.....	63.0	70.4	70.7	70.8	72.2	72.3	73.6	73.7	75.3	76.3
Open-ended programs and fixed costs.....	81.3	175.2	203.8	224.7	246.9	269.5	321.2	376.4	426.9	476.2
Payments for individuals.....	61.5	142.6	167.0	182.5	195.6	214.8	252.5	294.5	327.0	367.0
Social Security and railroad retirement.....	31.2	68.3	76.0	87.5	96.1	106.7	121.8	143.2	159.3	175.8
Federal employees' retirement and insurance <sup>1</sup> .....	8.8	18.4	21.2	24.0	26.7	30.0	34.7	40.5	44.5	47.7
Military retirement pay.....	2.8	6.2	7.3	8.2	9.2	10.3	11.9	13.7	14.9	16.1
Other <sup>1</sup> .....	5.9	12.2	13.9	15.8	17.5	19.7	22.8	26.8	29.5	31.6
Unemployment assistance.....	3.4	13.5	19.5	15.3	11.8	10.7	18.0	19.5	23.6	34.9
Medical care.....	9.9	21.6	26.3	31.4	35.9	41.6	49.0	59.3	67.8	76.7
Assistance to students <sup>1</sup> .....	1.0	4.7	5.7	3.8	3.9	3.7	3.9	4.7	5.1	4.1
Food and nutrition assistance.....	(X)	1.6	1.9	2.8	2.7	3.0	3.5	3.5	3.5	3.2
Public assistance and related programs.....	6.4	12.6	14.6	15.7	16.7	16.4	18.6	20.8	20.7	21.7
All other relatively uncontrollable payments for individuals <sup>1</sup> .....	.9	2.0	1.9	2.0	2.0	2.7	3.0	3.0	2.9	2.8
Net interest.....	14.4	23.2	26.7	29.9	35.4	42.6	52.5	68.7	64.7	89.5
General revenue sharing.....	(X)	6.1	6.2	6.8	6.8	6.8	5.1	4.6	4.6	4.6
Farm price supports <sup>2</sup> .....	3.8	.6	.6	3.5	5.5	3.7	2.9	4.1	11.6	18.9
Other.....	1.6	2.6	3.3	2.0	3.5	1.5	6.5	4.0	—9	—3.7
Prior-year contracts and obligations <sup>3</sup> .....	41.9	53.3	53.7	58.8	76.9	85.3	103.2	108.6	121.5	137.7
National defense.....	24.1	22.3	17.9	18.5	28.2	30.9	36.5	41.4	56.9	71.8
Civilian programs.....	17.8	31.0	35.8	40.3	48.7	54.4	66.7	67.2	64.5	65.9
<b>Relatively controllable outlays.....</b>	<b>74.9</b>	<b>99.8</b>	<b>111.2</b>	<b>121.6</b>	<b>129.6</b>	<b>141.4</b>	<b>158.1</b>	<b>178.6</b>	<b>187.0</b>	<b>199.5</b>
National defense.....	51.6	57.0	64.2	70.8	67.8	76.4	87.3	104.5	115.4	126.6
Civilian programs.....	23.3	42.8	47.0	50.8	61.8	65.1	70.7	74.1	71.6	72.8
Undistributed employer share, employee retirement.....	-2.4	-4.0	-4.2	-4.5	-4.9	-5.3	-5.8	-6.4	-7.0	-8.2

X Not applicable. <sup>1</sup> Includes items previously classified in the veterans' benefits grouping. <sup>2</sup> Prices from Commodity Credit Corporation. <sup>3</sup> Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," February 1983 edition.

# Federal Budget Outlays

319

## NO. 505. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1983

[For years ending June 30 except, beginning 1977, ending Sept. 30. Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as is feasible]

YEAR	OUTLAYS (bil. dol.)						PERCENT OF TOTAL OUTLAYS					Avg. annual percent change, total outlays <sup>4</sup>
	Total	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.	
CURRENT DOLLARS												
1960 .....	92.2	45.2	47.1	23.6	6.9	7.0	49.0	51.0	25.6	7.5	7.6	5.1
1965 .....	118.4	47.5	71.0	32.3	8.6	10.9	40.1	59.9	27.3	7.2	9.2	5.1
1970 .....	195.7	78.6	117.1	63.2	14.4	24.0	40.1	59.9	32.3	7.3	12.3	10.6
1972 .....	230.7	76.6	154.1	90.8	15.5	34.4	33.2	66.8	39.4	6.7	14.9	8.6
1973 .....	245.6	74.5	171.1	102.1	17.3	41.8	30.3	69.7	41.6	7.1	17.0	6.5
1974 .....	267.9	77.8	190.1	117.5	21.4	43.4	29.0	71.0	43.9	8.0	16.2	9.1
1975 .....	324.2	85.6	238.7	150.4	23.2	49.8	26.4	73.6	46.4	7.2	15.4	21.0
1976 .....	364.5	89.4	275.0	176.6	26.7	59.1	24.5	75.5	48.5	7.3	16.2	12.4
1976, TO <sup>5</sup> .....	94.2	22.3	71.9	44.9	6.9	15.9	23.7	76.3	47.7	7.4	16.9	(x)
1977 .....	400.5	97.5	303.0	192.4	29.9	68.4	24.3	75.7	48.0	7.5	17.1	9.9
1978 .....	449.4	105.2	343.2	206.5	35.4	77.9	23.5	76.5	46.0	7.9	17.4	12.0
1979 .....	491.0	117.7	373.3	227.5	42.6	82.9	24.0	76.0	46.3	8.7	16.9	9.5
1980 .....	576.7	135.9	440.8	271.1	52.5	91.5	23.6	76.4	47.0	9.1	15.9	17.5
1981 .....	657.2	159.8	497.4	316.6	66.7	94.8	24.3	75.7	48.2	10.5	14.4	14.0
1982 .....	728.4	187.4	541.0	348.6	84.7	88.2	25.7	74.3	47.9	11.6	12.1	10.8
1983, est. ....	805.2	214.8	590.4	391.9	88.9	93.5	26.7	73.3	48.7	11.0	11.6	10.5
CONSTANT (1972) DOLLARS												
1960 .....	143.3	72.9	70.4	32.6	10.0	10.8	50.9	49.1	22.7	7.0	7.5	5.2
1965 .....	166.9	68.9	98.0	41.5	11.4	15.4	41.3	58.7	24.9	6.8	9.2	3.1
1970 .....	220.2	90.1	130.1	68.6	15.8	27.0	40.9	59.1	31.2	7.2	12.3	5.7
1972 .....	230.7	76.6	154.1	90.8	15.5	34.4	33.2	66.8	39.4	6.7	14.9	2.4
1973 .....	233.3	70.0	163.3	98.1	16.6	39.7	30.0	70.0	42.0	7.1	17.0	1.1
1974 .....	236.9	68.4	168.5	104.4	19.1	38.0	28.9	71.1	44.1	8.1	16.0	1.5
1975 .....	260.2	68.7	191.5	121.8	18.8	39.3	26.4	73.6	48.6	7.2	15.1	9.8
1976 .....	274.3	67.1	207.2	134.9	20.3	43.5	24.5	75.5	49.2	7.4	15.9	5.4
1976, TO <sup>6</sup> .....	68.3	16.3	52.1	33.0	5.1	11.5	23.9	76.3	48.3	7.5	16.8	(x)
1977 .....	290.6	67.8	212.9	137.6	21.2	46.8	24.2	75.9	49.0	7.6	16.7	2.3
1978 .....	293.8	68.0	225.8	138.7	23.6	49.5	23.1	76.9	47.2	8.0	16.8	4.7
1979 .....	297.2	70.6	226.6	140.7	26.1	48.1	23.8	76.2	47.3	8.8	16.2	1.2
1980 .....	316.7	72.7	244.1	152.4	29.5	48.3	23.0	77.1	48.1	9.3	15.3	6.6
1981 .....	327.5	76.4	251.1	162.9	35.2	46.1	23.3	76.7	49.7	10.7	14.1	3.4
1982 .....	338.7	81.7	257.0	168.3	40.5	40.5	24.1	75.9	49.7	12.0	12.0	3.4
1983, est. ....	356.6	88.8	267.8	180.2	40.5	40.7	24.9	75.1	50.5	11.4	11.4	5.3

X Not applicable. <sup>1</sup> Includes other items, not shown separately. <sup>2</sup> Includes small grants-in-aid to State and local governments. <sup>3</sup> Total interest less interest received by trust funds. <sup>4</sup> See footnote 2, table 498. <sup>5</sup> Percent change from 1959; from previous year shown for all other years. <sup>6</sup> Transition quarter, July-Sept.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and in unpublished document, "Federal Government Finances," March 1983 edition.

## NO. 506. OFF-BUDGET FEDERAL OUTLAYS BY ENTITY AND SELECTED SUBFUNCTION: 1975 TO 1983

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Negative outlays (—) result from offsetting receipts exceeding outlays from appropriations and balances]

ENTITY	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.	
<b>Off-budget outlays, total .....</b>										
	8,088	7,307	8,700	10,359	12,467	14,245	21,005	17,331	17,045	
REA <sup>1</sup> and telephone revolving fund .....	477	213	394	62	-4	-30	34	(2)		
Rural telephone bank .....	110	93	59	113	101	158	114	79	145	
Strategic petroleum reserve .....	(4)	(2)	(2)	(2)	(2)	(2)	(2)	3,687	1,771	
Postal Service .....	1,112	1,085	-173	-495	-891	-431	89	-553	935	
USRA <sup>3</sup> regional rail organization .....	34	52	219	66	89	36	-267	-23	-57	
<b>Federal Financing Bank for: Total<sup>4</sup> .....</b>										
REA <sup>1</sup> and telephone revolving fund .....	6,355	5,863	8,201	10,614	13,172	14,513	21,035	14,142	14,251	
FFMHA <sup>5</sup> Rural housing insurance fund .....	255	880	1,222	2,093	2,320	3,188	4,601	4,467	5,910	
FFMHA <sup>5</sup> Foreign military sales fund .....	3,175	2,550	3,105	3,360	2,930	1,906	4,045	2,800	2,650	
FFMHA <sup>5</sup> Agriculture credit insurance fund .....	112	787	1,409	1,462	1,293	1,932	1,945	2,288	2,848	
FFMHA <sup>5</sup> Rural development insurance fund .....	1,375	675	1,250	3,640	5,045	3,982	5,790	1,055	835	
Other .....	450	575	610	660	830	993	1,025	1,060	886	
	673	524	385	-755	334	1,297	1,595	1,774	1,322	

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$500,000. <sup>3</sup> REA = Rural Electrification Administration. <sup>4</sup> Funding for strategic petroleum reserve began in fiscal year 1982. <sup>5</sup> USRA = United States Rail Authority. <sup>6</sup> Includes non-loan residual not shown separately.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

## Federal Government Finances and Employment

## NO. 507. FEDERAL BUDGET OUTLAYS, BY FUNCTION: 1960 TO 1983

[In billions of dollars, except percent. For years ending June 30 except, beginning 1977, ending Sept. 30. See table 500 for detailed functions. See also *Historical Statistics, Colonial Times to 1970*, series Y 466-487]

FUNCTION	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983, est.
Total budget outlays.....	92.2	118.4	195.7	324.2	400.5	448.4	491.0	575.7	657.2	728.4	805.2
National defense.....	45.2	47.5	78.6	85.6	97.5	105.2	117.7	135.9	159.8	187.4	214.8
Human resources.....	25.5	35.4	72.5	166.8	213.5	232.9	256.7	300.3	345.5	372.6	415.9
Income security.....	18.3	25.7	43.1	108.6	137.9	146.2	160.2	193.1	225.1	248.3	282.5
Health.....	.8	1.8	12.1	25.7	36.8	41.2	47.0	55.2	66.0	74.0	82.4
Veterans benefits and services.....	5.4	5.7	8.7	16.6	18.0	19.0	19.9	21.2	23.0	24.0	24.4
Education, training, employment <sup>1</sup> .....	1.0	2.1	8.6	15.9	21.0	26.5	29.7	30.8	31.4	26.3	26.7
Other nondesign.....	21.5	35.4	44.8	71.8	89.5	110.2	116.7	140.6	152.0	168.5	174.6
Commerce and housing credit.....	1.6	1.2	2.1	5.6	.1	3.3	2.6	7.8	3.9	3.9	1.9
Transportation.....	4.1	5.7	7.0	10.4	14.6	15.4	17.5	21.1	23.4	20.6	21.9
Natural resources and environment.....	1.6	2.5	3.1	7.3	10.0	10.9	12.1	13.8	13.5	12.9	12.1
Energy.....	.5	.7	1.0	2.2	4.2	5.9	6.9	6.3	10.3	4.7	4.5
Community, regional development.....	.2	1.1	2.4	3.7	6.3	11.1	9.5	10.1	9.4	7.2	7.4
Agriculture.....	2.6	3.9	5.2	1.7	5.5	7.7	6.2	4.8	5.6	14.9	21.1
Net interest.....	6.9	8.6	14.4	23.2	29.9	35.4	42.6	52.5	68.7	84.7	88.9
Revenue sharing <sup>2</sup> .....	.2	.2	.5	7.2	9.5	9.6	8.4	8.6	6.9	6.4	6.4
International affairs.....	9.0	5.2	4.3	6.9	4.8	5.9	6.1	10.7	11.1	10.0	11.9
General science, space, technology.....	.6	5.8	4.5	4.0	4.7	4.7	5.0	5.7	6.4	7.1	7.8
General government.....	1.0	1.4	1.9	3.1	3.2	3.7	4.1	4.5	4.6	4.7	5.8
Administration of justice.....	.4	.5	1.0	2.9	3.6	3.8	4.2	4.6	4.7	4.7	5.3
Undistributed offsetting receipts.....	-1.2	-1.4	-2.6	-6.4	-6.9	-7.2	-8.5	-9.9	-16.5	-13.3	-20.4
PERCENT DISTRIBUTION											
Total outlays.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
National defense.....	49.0	40.1	40.1	26.4	24.3	23.5	24.0	23.6	24.3	25.7	26.7
Income security.....	19.8	21.7	22.0	33.5	34.4	32.6	32.6	33.5	34.3	34.1	35.1
Health.....	.9	1.5	6.2	7.9	9.1	9.2	9.6	9.6	10.0	10.2	10.2
Veterans benefits and services.....	5.9	4.8	4.4	5.1	4.5	4.2	4.1	3.7	3.5	3.3	3.0
Education, training, employment <sup>1</sup> .....	1.0	1.8	4.4	4.9	5.2	5.9	6.0	5.3	4.8	3.6	3.3
Commerce and housing credit.....	1.8	1.0	1.1	1.7	(2)	.7	.5	1.4	.6	.5	.2
Transportation.....	4.5	4.9	3.6	3.2	3.7	3.4	3.6	3.7	3.6	2.8	2.7
Natural resources and environment.....	1.7	2.1	1.6	2.3	2.5	2.4	2.5	2.4	2.1	1.8	1.5
Energy.....	.5	.6	.5	.7	1.0	1.3	1.4	1.1	1.6	.6	.6
Community and regional development.....	.2	.9	1.2	1.2	1.6	2.5	1.9	1.7	1.4	1.0	.9
Agriculture.....	2.8	3.3	2.6	.5	1.4	1.7	1.3	.8	.8	2.0	2.6
Net interest.....	7.5	7.2	7.3	7.2	7.5	7.9	8.7	9.1	10.5	11.6	11.0
Revenue sharing <sup>2</sup> .....	.2	.2	.3	2.2	2.4	2.1	1.7	1.5	1.0	.9	.8
International affairs.....	3.2	4.4	2.2	2.1	1.2	1.3	1.2	1.9	1.7	1.4	1.5
General science, space, technology.....	.6	4.9	2.3	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0
General government.....	1.1	1.2	.9	1.0	.8	.8	.8	.8	.7	.6	.7
Administration of justice.....	.4	.4	.5	.9	.9	.8	.8	.8	.7	.6	.7
Undistributed offsetting receipts.....	-1.3	-1.2	-1.3	-2.0	-1.7	-1.6	-1.7	-1.7	-2.5	-1.8	-2.5

Z Less than \$50 million or .05 percent. <sup>1</sup> Includes social services. <sup>2</sup> Includes general purpose fiscal assistance.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual; and unpublished document, "Federal Government Finances," March 1983 edition.

## NO. 508. SELECTED GOVERNMENTAL ECONOMIC AND BUSINESS INDICATORS—AVERAGE ANNUAL PERCENT CHANGE: 1939 TO 1980

ITEM	1939-40 to 1949-50	1949-50 to 1959-60	1959-60 to 1969-70	1969-70 to 1979-80	ITEM	1939-40 to 1949-50	1949-50 to 1959-60	1959-60 to 1969-70	1969-70 to 1979-80
SELECTED ECONOMIC SERIES <sup>1</sup>					FEDERAL GOVERNMENT <sup>3</sup>				
Gross national product.....	11.1	5.9	7.0	10.2	Budget receipts.....	20.0	8.9	7.7	10.4
Population (July 1)....	1.8	1.4	1.3	1.1	Budget outlays.....	16.2	8.0	7.9	11.4
Civilian employment.....	2.2	1.1	1.8	2.2	Public debt.....	19.6	1.2	2.8	9.1
Per capita dispos- able income in constant (1972) dollars.....	2.6	1.3	3.1	2.2	National defense and international affairs outlays.....	27.6	10.7	5.5	5.9
Consumer price index.....	5.6	2.1	2.7	7.8	Domestic civilian expenditures.....	11.3	7.1	10.2	14.3
ALL GOVERNMENTS <sup>2</sup>					Federal tax receipts (incl. social insurance taxes).....	21.1	8.9	7.7	10.1
Expenditures.....	13.2	8.0	8.2	10.7	Federal civilian employment.....	6.6	2.1	2.0	.6
Tax receipts.....	14.4	8.7	8.1	10.2					
Debt.....	16.1	2.4	3.7	9.2					

<sup>1</sup> Relates to calendar years 1940, 1950, 1960, 1970, and 1980.

<sup>2</sup> Relates to fiscal years 1940, 1950, 1960, 1970, and 1979.

<sup>3</sup> Relates to fiscal years 1940, 1950, 1960, 1970, and 1980.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance*, biennial.

**NO. 509. REVENUE LOSS ESTIMATES FOR SELECTED "TAX EXPENDITURES" BY FUNCTION:  
1982 AND 1983**

[In millions of dollars. For years ending Sept. 30. Represents tax expenditures of \$100 million or more in 1983]

DESCRIPTION	1982	1983	DESCRIPTION	1982	1983
<b>National defense:</b>			<b>Education, training, employment, and social services:</b>		
Exclusion of benefits and allowances to Armed Forces personnel.....	2,250 165	2,200 165	Exclusion of interest on State and local student loan bonds.....	100	155
Exclusion of military disability pensions .....			Parental personal exemption for students age 19 or over.....	1,070	995
<b>International affairs:</b>			Exclusion of employee meals and lodging (other than military).....	655	680
Exclusion of income earned abroad by United States citizens.....	985	1,285	Investment credit for ESOPs.....	1,390	1,250
Deferral of income of domestic international sales corporations (DISC).....	1,550	1,385	Deductibility of charitable contributions (education).....	835	775
<b>General science, space, and technology:</b>			Deductibility of charitable contributions, other than education and health.....	7,595	7,145
Credit for increasing research activities.....	415	645	Credit for child and dependent care expenses.....	1,175	1,520
<b>Energy:</b>			Targeted jobs credit.....	235	290
Expensing of exploration and development costs:			<b>Health:</b>		
Oil and gas.....	3,430	1,520	Exclusion of employer contributions for medical insurance premiums and medical care.....	16,365	18,645
Excess of percentage over cost depletion:			Deductibility of medical expenses.....	3,945	3,105
Oil and gas.....	2,100	1,850	Exclusion of interest on State and local hospital bonds.....	680	865
Other fuels.....	410	505	Deductibility of charitable contributions (health).....	1,245	1,170
Capital gains treatment of royalties on coal.....	205	180	<b>Income security:</b>		
Residential energy credits:			Exclusion of Social Security benefits:		
Supply incentives.....	250	430	Disability insurance benefits.....	1,780	1,690
Conservation incentives.....	360	330	OASI benefits for retired workers.....	14,825	15,695
Alternative conservation and new technology credit:			Benefits for dependents and survivors.....	3,725	3,765
Supply incentives.....	205	195	Exclusion of railroad retirement system benefits.....	790	780
Conservation incentives.....	220	125	Exclusion of workmen's compensation benefits.....	1,730	1,870
<b>Natural resources and environment:</b>			Exclusion of special benefits for disabled coal miners.....	185	170
Excess of percentage over cost depletion, nonfuel minerals.....	405	440	Exclusion of untaxed unemployment insurance benefits.....	2,500	3,280
Exclusion of interest on State and local government pollution control bonds.....	825	975	Exclusion of disability pay.....	155	145
Tax incentives for preservation of historic structures.....	185	270	Net exclusion of pension contributions and earnings:		
Capital gains treatment of certain timber income.....	335	370	Employer plans.....	45,280	49,700
<b>Agriculture:</b>			Plans for self-employed and others.....	2,835	3,755
Expensing of certain capital outlays.....	545	560	Exclusion of other employee benefits:		
Capital gains treatment of certain income.....	610	615	Premiums on group term life insurance.....	2,035	2,100
<b>Commerce and housing credit:</b>			Premiums on accident and disability insurance.....	120	115
Dividend and interest exclusion.....	2,160	445	Additional exemption for elderly.....	2,385	2,365
Exclusion of interest on State and local industrial development bonds.....	1,640	2,120	Tax credit for the elderly.....	135	135
Exemption of credit union income.....	150	170	Deductibility of casualty losses.....	920	575
Excess bad debt reserves of financial institutions.....	405	405	Earned income credit <sup>1</sup> .....	455	385
Exclusion of interest on life insurance savings.....	4,535	4,805	Exclusion of interest on State and local housing bonds for rental housing.....	395	530
Deductibility of interest on consumer credit.....	10,825	10,765	<b>Veterans benefits and services:</b>		
Deductibility of mortgage interest on owner-occupied homes.....	23,305	25,065	Exclusion of veterans disability compensation.....	1,855	1,825
Deductibility of property tax on owner-occupied homes.....	8,360	8,765	Exclusion of veterans pensions.....	330	310
Exclusion of interest on State and local housing bonds for owner-occupied housing.....	905	1,110	Exclusion of GI bill benefits.....	180	150
Capital gains (other than agriculture, timber, iron ore and coal).....	18,020	15,890	<b>General government:</b>		
Deferral of capital gains on home sales.....	1,625	1,480	Credit and deductions for political contributions.....	180	190
Exclusion of capital gains on home sales for persons age 55 and over.....	585	535	<b>General purpose fiscal assistance:</b>		
Carryover basis of capital gains at death.....	1,995	2,180	Exclusion of interest on general purpose State and local debt.....	6,885	8,000
Investment credit, other than ESOP's rehabilitation of structures, energy property, and reforestation expenditures.....	16,455	12,985	Deductibility of nonbusiness State and local taxes other than on owner-occupied homes.....	19,160	20,060
Safe harbor leasing rules.....	3,333	2,990	Tax credit for corporations receiving income from doing business in United States possessions.....	1,375	1,245
Exclusion of interest on certain savings certificates.....	935	1,665	<b>Interest:</b>		
Reinvestment of dividends in public utility stock .....	130	365	Deferral of interest on savings bonds.....	135	435
<b>Community and regional development:</b>					
Investment credit for rehabilitation of structures.....	250	335			

<sup>1</sup> Indicates the effect of the earned income tax credit on receipts. The effect on outlays is: 1982, \$1,201 million; and 1983, \$1,205 million (estimate).

## Federal Government Finances and Employment

## NO. 510. FEDERAL BUDGET OUTLAYS, BY AGENCY: 1970 TO 1983

[In millions of dollars. For years ending June 30 except, beginning 1978, ending Sept. 30]

DEPARTMENT OR OTHER UNIT	1970	1975	1978	1979	1980	1981	1982	1983
Total	195,652	324,244	448,361	490,982	576,669	657,204	728,375	805,202
Legislative branch	343	726	1,049	1,077	1,218	1,209	1,362	1,527
The Judiciary	128	284	435	480	564	637	705	820
Executive Office of the President	36	93	75	80	95	96	95	102
Funds appropriated to President	2,904	3,988	4,450	2,623	7,523	7,010	6,073	7,287
Departments:								
Agriculture	8,301	9,722	20,368	20,636	24,555	26,034	36,213	45,015
Commerce	1,079	1,583	5,239	4,072	3,755	11,484	2,045	1,969
Defense	78,360	87,071	105,595	117,921	136,067	2 <sup>2</sup> 159,244	185,821	211,861
Education <sup>3</sup>	(NA)	(NA)	(NA)	10,879	13,112	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Energy <sup>5</sup>	2,450	3,165	6,286	7,899	6,464	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Energy activities	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,577	8,733
Health and Human Services <sup>4,6</sup>	(NA)	(NA)	167,650	191,759	2 <sup>2</sup> 228,115	251,287	274,448	
Health, Education, and Welfare <sup>4</sup>	51,734	110,504	160,413	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	21,157
Housing and Urban Development	2,603	7,488	7,589	9,218	12,576	14,033	14,491	14,853
Interior	992	2,139	3,821	4,087	4,377	1 <sup>2</sup> 6,775	3,922	4,047
Justice	640	2,067	2,397	2,522	2,622	1 <sup>2</sup> 2,752	2,584	2,955
Labor <sup>7</sup>	5,184	17,615	22,864	22,610	29,724	30,084	30,736	42,995
State	448	829	1,252	1,548	1,938	1,897	2,185	2,287
Transportation	6,412	9,247	13,452	15,486	18,963	22,509	19,917	
Treasury	19,509	41,177	56,355	68,044	76,691	2 <sup>2</sup> 93,372	110,521	118,026
Independent agencies: <sup>1,2</sup>								
Environmental Protection Agency	384	2,530	4,071	4,800	5,602	5,241	5,080	4,370
National Aero. and Space Admin.	3,749	3,267	3,980	4,187	4,850	5,421	6,026	6,713
Foundation for Education Assistance <sup>2</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	13,063	14,080	14,396
Office of Personnel Management <sup>8</sup>	2,647	7,036	10,952	12,654	15,050	18,089	19,973	21,546
Railroad Retirement Board	1,600	3,083	4,075	4,365	4,788	5,308	5,733	5,828
Small Business Administration	253	618	2,766	1,631	1,899	1,913	631	577
Tennessee Valley Authority	211	767	1,412	1,884	1,869	1,928	1,478	1,350
Veterans Administration	8,653	16,575	18,962	19,887	21,135	22,904	23,937	24,387
Other independent agencies	3,580	6,745	6,274	6,241	11,396	8,405	5,260	4,716
Undistributed offsetting receipts	-6,557	-14,075	-15,772	-18,488	-21,933	-30,319	-29,337	-36,764
Employer share, employee retirement	-2,444	-3,980	-4,983	-5,271	-5,787	-6,371	-7,020	-8,214
Interest received by trust funds	-3,936	-7,667	-8,530	-9,950	-12,045	-13,810	-16,067	-16,349
Rents and royalties on the Outer Continental Shelf lands	-187	-2,428	-2,259	-3,267	-4,101	-10,198	-6,250	-11,783
Federal surplus property disposition	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-408

NA Not available. X Not applicable. <sup>1</sup> The 1983 Budget proposed dismantlement of the Dept. of Energy (DOE), effective Oct. 1, 1982. Budget data for activities previously performed by DOE are included in the agencies that were proposed to assume these activities. <sup>2</sup> The 1983 Budget proposed dismantlement of the Dept. of Education (DED), effective Oct. 1, 1982. Budget data for activities previously performed by DED are included in the agencies that were proposed to assume these responsibilities. <sup>3</sup> New agency which assumed education activities previously performed by Dept. of Health, Education, and Welfare, and other education programs. <sup>4</sup> The Budget shows the Dept. of Education and the Dept. of Health and Human Services as if they existed since 1979. <sup>5</sup> See footnote 8, table 542. <sup>6</sup> This agency has assumed the health and welfare activities previously performed by the Dept. of Health, Education, and Welfare. <sup>7</sup> Beginning 1975, includes Pension Benefit Guaranty Corporation. <sup>8</sup> Civil Service Commission prior to 1979.

Source: U.S. Office of Management and Budget, *The Budget of the United States Government*, annual.

## NO. 511. PUBLIC DEBT OF THE FEDERAL GOVERNMENT: 1940 TO 1982

[Through 1976, as of June 30; beginning 1977, as of Sept. 30. Total public debt is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 498 for "gross Federal debt." For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494.]

YEAR	PUBLIC DEBT			YEAR	PUBLIC DEBT			INTEREST PAID			
	Total <sup>1</sup> (bil. dol.)	Average annual percent change <sup>2</sup>	Per capita <sup>3</sup> (dol.)		Total (bil. dol.)	Percent of Federal outlays <sup>4</sup>	Total <sup>1</sup> (bil. dol.)				
1940.....	43.0	8.4	325	1.0	11.5	1974.....	474.2	3.7	2,223	29.3	10.9
1945.....	258.7	43.0	1,849	3.8	3.7	1975.....	533.2	12.4	2,475	32.7	10.1
1950.....	256.1	-1	1,688	5.7	14.5	1976.....	620.4	16.4	2,852	37.1	10.1
1955.....	272.8	1.3	1,651	6.4	9.3	1977.....	698.8	10.1	3,170	41.9	10.4
1960.....	284.1	.9	1,572	9.2	10.0	1978.....	771.5	10.4	3,483	48.7	10.8
1965.....	313.8	2.0	1,613	11.3	9.5	1979.....	826.5	7.1	3,669	59.8	12.1
1970.....	370.1	3.3	1,814	19.3	9.8	1980.....	907.7	9.8	3,985	74.9	12.9
1971.....	397.3	7.4	1,921	21.0	9.9	1981.....	997.9	9.9	4,338	95.6	14.5
1972.....	426.4	7.3	2,037	21.8	9.4	1982.....	1,142.0	14.4	4,919	117.4	16.1
1973.....	457.3	7.2	2,164	24.2	9.8						

<sup>1</sup> Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, 1965, and 1970-1974. <sup>2</sup> From preceding year shown; for 1940, change from 1935. <sup>3</sup> 1940-1976, based on estimated July 1 population; thereafter, based on October 1 population; prior to 1960, excludes Alaska and Hawaii.

<sup>4</sup> Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, outlays, net of applicable receipts.

Source: U.S. Dept. of the Treasury, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances* through fiscal 1980; thereafter, *Monthly Statement of the Public Debt of the United States*, and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government*.

## No. 512. FEDERAL PARTICIPATION IN DOMESTIC CREDIT MARKETS: 1975 TO 1983

[In billions of dollars, except percent. See headnote, table 517, Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises.]

TYPE OF PARTICIPATION	1975	1976	1977	1978	1979	1980	1981	1982	1983, est.
<b>Total funds advanced in U.S. credit markets, including equities</b> <sup>1</sup> .....	<b>177.9</b>	<b>243.1</b>	<b>308.3</b>	<b>383.4</b>	<b>426.4</b>	<b>366.4</b>	<b>427.2</b>	<b>408.7</b>	<b>(NA)</b>
Advanced under Federal auspices <sup>2</sup> .....	27.0	26.9	36.7	56.4	72.9	79.9	86.5	87.6	130.9
Federal participation rate (percent).....	15.2	11.1	11.9	15.2	17.1	21.8	20.2	21.4	(NA)
Direct loans:									
On-budget.....	5.8	4.2	2.6	8.6	6.0	9.5	5.2	9.1	5.2
Off-budget.....	7.0	6.7	9.0	11.2	13.6	14.7	20.9	14.3	14.4
Guaranteed loans.....	8.6	11.1	13.5	13.4	25.2	31.6	28.0	20.9	55.8
Government-sponsored enterprise loans.....	5.6	4.9	11.7	25.2	28.1	24.1	32.4	43.4	55.5
<b>Total funds raised in U.S. credit markets</b> <sup>1</sup> .....	<b>177.9</b>	<b>243.1</b>	<b>308.3</b>	<b>383.4</b>	<b>426.4</b>	<b>366.4</b>	<b>427.2</b>	<b>408.7</b>	<b>(NA)</b>
Raised under Federal auspices.....	64.8	98.1	79.0	93.9	80.7	123.5	142.1	199.7	324.3
Federal participation rate (percent).....	36.4	40.4	25.6	24.5	18.9	33.7	33.3	48.9	(NA)
Federal borrowing from public.....	50.9	82.9	53.5	59.1	33.6	70.5	79.3	126.0	215.0
Borrowing for guaranteed loans.....	8.6	11.1	13.5	13.4	25.2	31.6	28.0	20.9	55.8
Government-sponsored enterprise borrowing.....	5.3	4.1	12.0	21.4	21.9	21.4	34.8	43.8	53.5

NA Not available. <sup>1</sup>Nonfinancial sectors. <sup>2</sup>Estimated.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual.

## No. 513. FEDERAL SECURITIES—DISTRIBUTION ISSUE BY CLASS OF INVESTOR: 1970 TO 1982

[In billions of dollars. As of June 30, except beginning 1977, as of September 30. The Export-Import Bank was moved within the budget effective October 1, 1976. Adjustments are made to include totals for the period it was outside the budget (1970-76). Also adjustments are made to reflect certain Export-Import Bank borrowing now classified as agency debt]

YEAR	Federal securities outstanding, total <sup>1</sup>	INTEREST-BEARING PUBLIC DEBT SECURITIES				YEAR	Federal securities outstanding, total <sup>1</sup>	INTEREST-BEARING PUBLIC DEBT SECURITIES			
		Total outstanding	Held by U.S. Gov't accts	Held by Federal Reserve banks <sup>2</sup>	Held by private investors			Total outstanding	Held by U.S. Gov't accts	Held by Federal Reserve banks <sup>2</sup>	Held by private investors
1970.....	383	369	95	58	216	1977.....	709	698	155	105	437
1972.....	437	425	111	71	243	1978.....	780	767	168	115	484
1973.....	468	456	123	75	258	1979.....	834	819	188	115	516
1974.....	486	473	138	80	255	1980.....	914	906	198	121	588
1975.....	544	532	145	85	302	1981.....	1,004	996	208	124	684
1976.....	632	619	150	94	375	1982.....	1,147	1,141	216	134	790

<sup>1</sup> Includes agency securities and matured public debt not shown separately.

<sup>2</sup> Public issues.

<sup>3</sup> Includes a nonmarketable Federal Reserve special certificate for \$2,500.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly.

## No. 514. FEDERAL GOVERNMENT INTEREST-BEARING PUBLIC DEBT: 1960 TO 1982

[In billions of dollars. As of June 30 except, beginning 1978, as of Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 497 and Y 500-504]

DEBT INSTRUMENT	1960	1965	1970	1975	1978	1979	1980	1981	1982	PERCENT OF TOTAL			
										1960	1970	1980	1982
Total.....	283.2	313.1	369.0	532.1	767.0	819.0	906.4	996.5	1,140.9	100.0 (x)	100.0 (x)	100.0 (x)	100.0 (x)
Computed interest rate.....	3.30	3.68	5.56	6.35	7.13	8.06	9.03	11.5	11.4				
Marketable <sup>1</sup> .....	183.8	208.7	232.6	315.6	485.2	506.7	594.5	693.2	824.4	64.9	63.0	65.6	72.3
Bills.....	33.4	53.7	76.2	128.6	160.9	161.4	199.8	223.4	277.9	11.8	20.7	22.0	24.4
Notes.....	51.5	52.5	93.5	150.2	267.9	274.2	310.9	363.6	442.9	18.2	25.3	34.3	36.8
Treasury bonds <sup>2</sup> .....	81.2	102.5	63.0	36.8	55.4	71.1	83.8	96.2	103.6	28.7	17.1	9.2	9.1
Nonmarketable.....	99.4	104.5	136.4	216.5	281.8	312.3	311.9	313.3	316.5	35.1	37.0	34.4	27.7
U.S. savings bonds.....	47.5	50.0	51.3	65.4	79.8	80.4	72.7	68.0	67.3	16.8	13.9	8.0	5.9
Treasury bonds, other <sup>3</sup> .....	7.0	5.8	8.8	26.9	48.7	55.5	49.3	44.2	38.7	2.5	2.4	5.4	3.4
Govt. account series <sup>4</sup> .....	44.9	48.7	76.3	124.2	153.3	176.4	189.8	201.1	210.5	15.9	20.7	20.9	18.5
Marketable debt, by maturity:													
Within 1 year.....	70.5	87.6	105.5	163.9	225.4	246.7	276.5	319.0	372.7	24.9	28.6	30.5	32.7
1-5 years.....	72.8	58.2	69.6	101.9	168.5	157.3	195.8	218.3	259.0	25.7	24.3	21.6	22.7
5-10 years.....	20.2	39.2	15.9	26.8	49.3	45.5	53.4	61.7	88.1	7.1	4.3	5.8	7.7
10-20 years.....	12.6	8.5	10.5	14.5	16.6	28.2	35.5	41.4	39.1	4.4	2.8	3.9	3.4
20 years and over.....	7.7	17.2	11.0	8.4	25.4	30.9	33.3	42.9	47.4	2.7	3.0	3.7	4.2
Average length, yr.-mo.....	4-4	5-4	3-8	3-0	3-6	3-7	3-9	4-0	3-11	(x)	(x)	(x)	(x)

X Not applicable. <sup>1</sup> For 1960, includes postal savings, certificates, and Panama Canal bonds, not shown separately.

<sup>2</sup> Bank eligible bonds. <sup>3</sup> Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depository bonds; U.S. retirement plan bonds, beginning 1965; and U.S. savings notes, beginning 1970. <sup>4</sup> Prior to July 1975, known as U.S. Treasury special issues.

Source: U.S. Dept. of the Treasury, *Daily Statement of the U.S. Treasury* and *Monthly Statement of the Public Debt of the United States*. In *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through 1981, and in *Treasury Bulletin*, monthly.

## Federal Government Finances and Employment

## No. 515. INTEREST-BEARING GOVERNMENT SECURITIES OUTSTANDING: 1965 TO 1982

[In billions of dollars, except percent. As of June 30 except, beginning 1977, as of Sept. 30. Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total .....	420	521	651	686	756	864	967	1,061	1,140	1,261	1,385	1,574
Tax exempt <sup>1</sup> .....	97	139	183	201	213	234	259	285	314	348	382	429
Percent of total .....	23.1	26.7	28.1	29.3	28.2	27.1	26.7	26.7	27.0	26.5	26.2	27.3
Taxable <sup>2</sup> .....	274	306	366	370	419	499	568	623	650	723	802	935
Government account series <sup>3</sup> .....	49	76	102	115	124	131	140	153	176	190	201	210
By issuer:												
U.S. Treasury .....	313	369	456	473	532	619	698	767	819	906	996	1,141
Government agencies <sup>4</sup> .....	8	13	11	12	11	11	10	9	7	7	6	5
State and local govts <sup>1, 5</sup> .....	97	139	183	201	213	234	259	285	314	348	382	429

<sup>1</sup> Source: Board of Governors, Federal Reserve System, unpublished data. <sup>2</sup> Interest is subject to both normal and surtax rates of Federal income tax. <sup>3</sup> Prior to July 1, 1974, known as U.S. Treasury special issues. <sup>4</sup> Excludes securities issued by Federal home loan banks and Federal land banks. Beginning 1970, also excludes securities issued by Federal National Mortgage Association, Federal intermediate credit banks, and banks for cooperatives. <sup>5</sup> Wholly tax-exempt. Includes industrial pollution control bonds.

Source: Except as noted, U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly, and *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances*.

## No. 516. ESTIMATED OWNERSHIP OF PUBLIC DEBT SECURITIES BY PRIVATE INVESTORS: 1960 TO 1982

[Par values in billions of dollars. As of June, except beginning 1977, as of September]

OWNERSHIP	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Total privately held .....	204.5	213.6	217.2	303.2	376.4	438.6	408.3	524.0	589.2	665.4	781.2
Commercial banks <sup>1</sup> .....	55.3	58.2	52.6	69.0	92.5	101.0	86.3	92.3	109.7	112.7	117.8
Nonbank investors .....	149.2	155.4	164.7	234.1	283.8	337.6	392.0	431.7	479.5	552.7	663.4
Individuals <sup>2</sup> .....	69.7	70.7	81.8	86.8	96.2	103.9	109.4	113.2	123.0	109.7	115.6
Insurance companies .....	12.0	10.7	7.2	7.1	10.6	14.5	15.1	14.6	19.2	27.6	34.7
Corporations <sup>3</sup> .....	19.5	15.3	8.5	13.8	24.7	23.9	21.3	23.7	25.9	18.0	21.6
State and local governments .....	18.8	24.1	29.0	31.7	39.3	53.5	69.0	68.9	77.0	95.7	112.1
Foreign and international <sup>4</sup> .....	10.1	12.2	14.0	66.0	69.8	95.5	121.0	125.2	126.4	135.5	141.6
Other investors <sup>5</sup> .....	12.5	16.8	21.0	25.2	37.8	40.7	51.1	81.3	102.9	166.2	237.8
Percent distribution .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Commercial banks <sup>1</sup> .....	27.0	27.2	24.2	22.8	24.6	23.0	19.7	17.5	18.6	16.9	15.1
Nonbank investors .....	73.0	72.8	75.8	77.2	75.4	77.0	80.3	82.4	81.4	83.1	84.8
Individuals <sup>2</sup> .....	34.1	33.1	37.7	28.6	25.6	23.7	22.4	21.6	20.9	16.5	14.8
Insurance companies .....	5.9	5.0	3.3	2.3	2.8	3.3	3.1	2.8	3.3	4.1	4.4
Corporations <sup>3</sup> .....	9.5	7.2	3.9	4.6	6.6	5.4	4.4	4.5	4.4	2.7	2.8
State and local governments .....	9.2	11.3	13.4	10.5	10.4	12.2	14.1	13.1	13.1	14.4	14.3
Foreign and international <sup>4</sup> .....	4.9	5.7	6.4	21.8	18.5	21.8	24.8	23.9	21.4	20.4	18.1
Other investors <sup>5</sup> .....	6.1	7.9	9.7	8.3	10.0	9.3	10.5	15.5	17.5	25.0	30.4

<sup>1</sup> Consists of commercial banks, trust companies, and stock savings banks in the United States and in territories and island possessions. Figures exclude securities held in trust departments. <sup>2</sup> Includes partnerships and personal trust accounts.

<sup>3</sup> Exclusive of banks and insurance companies. <sup>4</sup> Consists of the investment of foreign balances and international accounts in the United States. Holdings have been adjusted to exclude issues to the International Monetary Fund and other international lending organizations to reflect the unified budget concept. <sup>5</sup> Consists of savings and loan associations, nonprofit institutions, money market funds, corporate pension trust funds and dealers and brokers. Also included are certain government deposit accounts, government-sponsored agencies, and all other investors not included above.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, monthly through 1982; thereafter, quarterly.

## No. 517. FEDERAL DIRECT AND GUARANTEED LOANS: 1973 TO 1983

[In billions of dollars, 1983 estimated. As of June 30 except, beginning 1977, as of Sept. 30. Government guaranteed loans (loans for which the Government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 512.]

LOAN STATUS	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Direct loans: <sup>1</sup> Gross (new) loans disbursed .....	15.7	15.8	28.8	34.5	35.4	48.6	49.2	49.3	55.9	28.6	32.2
Net loan outlays .....	1.0	4.1	12.8	10.9	11.5	19.8	19.6	24.2	26.1	23.5	19.6
Direct loans outstanding .....	57.1	61.5	74.1	85.9	100.7	120.5	140.5	163.9	185.0	207.8	227.4
Guaranteed loans: <sup>2</sup> Primary .....	(NA)	32.0	31.2	31.9	43.9	48.5	60.5	66.2	60.2	85.8	130.8
Net loans .....	17.7	10.5	8.7	11.2	14.0	13.9	26.1	32.4	28.0	20.9	55.8
Guaranteed loans outstanding .....	179.1	189.7	198.3	210.1	224.0	237.9	264.6	298.5	309.1	331.2	387.0

NA Not available. <sup>1</sup> Includes loans from "off-budget" Government accounts. <sup>2</sup> Includes capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. <sup>3</sup> Gross loan guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual; and unpublished data.

## NO. 518. FEDERAL FUNDS—SUMMARY DISTRIBUTION, BY STATE: 1982

[In millions of dollars, except as indicated. Data for grants, salaries and wages, and direct payments to individuals are on an expenditure basis; procurement is on obligation basis. Minus sign (—) indicates decline]

REGION, DIVISION, AND STATE	FEDERAL FUNDS			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and local gov'ts	Salaries and wages
	Total <sup>1</sup>	Per cent change 1981-1982	Per capita <sup>2</sup> (dol.)						
U.S.	603,576	7.4	2,591	178,044	424,732	286,080	145,816	88,221	78,043
<b>Regions:</b>									
Northeast	127,376	8.5	2,583	33,052	94,324	65,357	30,322	22,086	8,534
North Central	125,071	6.6	2,124	24,963	100,109	70,945	21,727	20,971	9,692
South	202,427	5.8	2,631	61,898	140,529	95,459	40,016	26,403	39,027
West	129,912	6.8	2,942	48,945	80,962	51,378	40,049	17,119	20,244
N. Eng.	38,441	11.9	3,089	15,077	23,365	15,811	14,258	5,451	2,472
Maine	3,100	17.2	2,736	1,060	2,039	1,495	810	527	257
N.H.	2,368	10.8	2,530	918	1,451	1,128	538	317	374
Vt.	1,155	8.0	2,239	248	907	594	213	271	66
Mass	17,913	8.8	2,999	5,980	11,334	7,579	5,827	2,745	1,050
R.I.	2,538	1.7	2,663	562	1,976	1,365	398	471	278
Conn.	11,967	18.6	3,819	6,309	5,658	3,650	6,872	1,120	447
Mld. Atl.	88,935	7.1	2,412	17,975	70,959	49,546	16,664	16,635	6,082
N.Y.	43,835	5.0	2,490	8,894	34,941	23,116	8,816	9,288	2,198
N.J.	16,619	8.5	2,245	4,099	12,519	9,170	3,275	2,718	1,413
Pa.	28,481	8.3	2,399	4,982	23,499	17,260	3,973	4,629	2,451
E. No. Cent.	82,641	5.2	1,984	13,181	69,461	49,954	11,456	14,801	5,831
Ohio	23,282	10.4	2,160	4,518	18,765	13,432	4,368	3,612	1,755
Ind.	10,111	3.3	1,849	2,589	7,522	5,603	2,122	1,558	741
Ill.	22,353	4.5	1,950	2,770	19,584	13,919	2,053	4,103	2,068
Mich.	18,016	2.3	1,957	2,217	15,798	11,546	1,840	3,634	889
Wis.	8,879	2.3	1,872	1,087	7,792	5,454	1,073	1,894	378
W. No. Cent.	42,430	9.6	2,461	11,782	30,648	20,991	10,271	6,170	3,861
Minn.	8,560	6.5	2,091	1,685	6,874	4,580	1,601	1,769	406
Iowa	5,196	9.5	1,792	490	4,716	3,509	427	893	224
Mo.	15,955	9.4	3,229	6,341	9,614	5,556	6,212	1,652	1,390
N. Dak.	1,460	1.5	2,219	313	1,147	628	102	301	300
S. Dak.	1,601	6.3	2,335	215	1,366	829	110	325	262
Nebr.	3,324	9.6	2,108	586	2,744	1,880	239	524	487
Kans.	6,334	18.2	2,658	2,168	4,167	3,009	1,580	706	792
So. Atl.	113,350	7.9	3,003	36,848	76,503	51,286	21,962	13,701	25,921
Del.	1,491	2.8	2,493	432	1,059	732	309	279	164
Md.	15,065	8.0	3,534	5,104	9,981	5,463	4,086	1,793	3,622
D.C.	10,807	-11.3	17,127	1,781	9,046	1,539	1,874	1,295	6,058
Va.	21,865	17.2	4,027	12,128	9,737	7,181	6,531	1,623	6,474
W. Va.	3,998	1	2,048	229	3,769	2,792	168	772	257
N.C.	11,527	6.8	1,836	3,088	8,439	6,408	1,000	1,852	2,163
S.C.	7,371	8.7	2,327	2,269	5,102	3,498	1,170	1,043	1,630
Ga.	12,766	8.6	2,250	4,106	8,650	6,021	1,870	2,185	2,618
Fla.	28,460	11.6	2,795	7,731	20,730	17,652	4,954	2,859	2,935
E. So. Cent.	35,336	6.6	2,400	7,260	28,076	17,984	6,136	5,551	5,436
Ky.	7,747	8.2	2,115	1,340	6,407	4,423	679	1,424	1,198
Tenn.	11,359	7.8	2,483	1,349	10,011	5,472	2,694	1,607	1,518
Ala.	9,668	6.1	2,466	2,417	7,250	5,026	1,294	1,429	1,863
Miss.	6,562	3.7	2,593	2,154	4,408	3,073	1,469	1,091	857
W. So. Cent.	53,741	1.0	2,198	17,790	35,950	26,179	11,918	7,151	7,670
Ark.	5,100	7.7	2,221	985	4,115	3,116	610	844	466
La.	9,575	-5.3	2,223	3,135	6,439	4,274	2,731	1,591	917
Okla.	6,852	2.8	2,243	1,980	4,972	3,802	658	991	1,393
Tex.	32,114	1.6	2,175	11,690	20,424	14,987	7,919	3,725	4,894
Mt.	31,077	5.8	2,657	8,345	22,729	13,156	7,611	4,525	5,415
Mont.	1,782	4.6	2,247	182	1,600	938	96	382	294
Idaho	2,102	10.3	2,192	236	1,866	1,030	393	350	290
Wyo.	1,048	-31.4	2,129	174	873	407	103	349	182
Col.	7,613	6.4	2,568	2,419	5,194	3,105	1,826	967	1,600
N. Mex.	5,142	5.4	3,872	1,178	3,963	1,562	1,994	727	824
Ariz.	7,465	10.3	2,672	2,448	5,017	3,774	1,814	799	1,013
Utah	3,710	11.2	2,444	1,243	2,467	1,375	822	605	875
Nev.	2,215	5.1	2,621	465	1,749	985	561	346	337
Pac.	98,835	9.8	3,045	40,600	58,233	38,222	32,438	12,594	14,029
Wash.	13,010	6.8	3,085	4,971	8,038	5,193	3,987	1,580	2,123
Oreg.	5,510	9.3	2,079	507	5,003	3,372	395	1,168	524
Calif.	75,014	11.9	3,100	32,929	42,685	28,274	27,257	9,016	9,925
Alaska	1,868	-7.0	4,533	861	1,006	277	449	422	703
Hawaii	3,433	-8.3	3,499	1,932	1,501	1,106	350	408	1,554

<sup>1</sup> Includes other programs not shown separately. <sup>2</sup> Resident population, provisional estimate as of July 1, 1981.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.

## Federal Government Finances and Employment

## No. 519. U.S. SAVINGS BONDS: 1960 TO 1982

[In billions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970*, series Y 500, for similar but not exactly comparable data]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
Amounts outstanding <sup>1</sup>	47.2	50.3	51.8	65.5	69.8	75.4	79.8	80.5	72.7	68.0	67.3
Funds from sales	4.4	4.5	4.7	6.8	7.3	7.9	8.0	7.3	4.8	3.4	3.1
Accrued discounts	1.3	1.5	1.0	3.3	3.5	3.8	4.1	4.3	4.2	4.2	4.9
Redemptions <sup>2</sup>	6.7	5.4	6.3	6.5	6.5	7.1	7.7	11.0	16.7	12.3	8.7
Percent of total outstanding	14.2	10.7	12.2	10.0	9.4	9.4	9.7	13.6	23.0	18.0	12.9

<sup>1</sup> Interest-bearing debt only for amounts end of period or end of year. <sup>2</sup> Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury. Monthly data published currently in *Treasury Bulletin*.

## NO. 520. FEDERAL TAX INDEXES, BY TYPE OF TAX: 1970 TO 1982

[1967 = 100. Represents tax receipts, net of refunds, as shown in the national income accounts, generally on an accrual basis]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All taxes	127.5	131.8	151.1	172.1	191.5	191.0	220.7	249.7	287.3	328.4	358.9	416.9	406.3
Personal income taxes	138.1	133.1	159.6	170.1	196.3	187.7	220.0	252.9	294.4	349.4	389.6	451.9	454.4
Corporate profit taxes	102.0	111.4	121.9	144.1	150.3	145.1	181.8	205.2	237.6	247.1	234.0	224.2	157.2
Indirect business taxes <sup>3</sup>	119.3	125.4	122.1	130.8	132.6	145.9	141.7	150.5	167.7	170.8	222.7	346.1	283.5
Social insurance contributions	134.3	148.0	170.8	217.7	246.0	257.7	292.3	325.6	377.5	439.8	479.9	563.1	596.7
Estate and gift	120.1	149.7	174.9	166.1	156.4	159.4	182.2	233.5	171.8	180.9	214.4	227.9	244.7

<sup>1</sup> Excise taxes and custom duties.

Source: Tax Foundation, Inc., Washington, D.C., *Facts and Figures on Government Finance*, biennial.

## NO. 521. INTERNAL REVENUE COLLECTIONS, BY SELECTED SOURCES: 1960 TO 1982

[For years ending June 30 except, beginning 1979 ending Sept. 30. See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)								PERCENT OF TOTAL			
	1960	1965	1970	1975	1979	1980	1981	1982	1970	1980	1981	1982
All taxes	91.8	114.4	195.7	293.0	460.4	519.4	606.8	632.2	100.0	100.0	100.0	100.0
Individual income taxes	44.9	53.7	103.7	156.4	251.5	287.5	332.9	352.8	53.0	55.4	54.9	55.8
Withheld by employers	31.7	56.8	77.4	122.1	195.3	223.8	256.0	267.5	39.6	43.1	42.2	42.3
Employment taxes <sup>1</sup>	11.2	17.1	37.4	70.1	112.8	128.3	152.9	168.7	19.1	24.7	25.2	26.7
Old-age and disability insurance	10.2	15.8	35.7	67.1	107.5	122.5	146.5	162.1	18.2	23.6	24.1	25.6
Unemployment insurance	.3	.6	.8	1.4	3.0	3.3	3.6	3.4	.4	.6	.1	.5
Corporation income taxes	22.2	26.1	35.0	45.7	71.4	72.4	73.7	66.0	17.9	13.9	12.2	10.4
Estate and gift taxes	1.6	2.7	3.7	4.7	5.5	6.5	6.9	8.1	1.9	1.3	1.1	1.3
Excise taxes	11.9	14.8	15.9	16.8	19.0	24.6	40.4	36.8	8.1	4.7	6.7	5.8
Alcohol	3.2	3.8	4.7	5.4	5.6	5.7	5.7	5.6	2.4	1.1	.9	.9
Tobacco	1.9	2.1	2.1	2.3	2.5	2.4	2.6	2.6	1.1	.5	.4	.4
Manufactures	4.7	6.4	6.7	5.5	7.1	6.5	6.1	6.4	3.4	1.3	1.0	1.0
Windfall profits tax	(x)	(x)	(x)	(x)	(x)	3.1	16.9	22.0	(x)	.6	2.8	3.5
Other	2.1	2.5	2.4	3.6	3.8	6.9	9.1	.4	1.2	1.3	1.5	.1

X Not applicable. <sup>1</sup> Includes railroad retirement, not shown separately.

Source: U.S. Dept. of the Treasury, *Annual Report of the Commissioner of the Internal Revenue Service*.

## NO. 522. FEDERAL INDIVIDUAL INCOME TAX RETURNS, BY MARITAL STATUS: 1970 TO 1981

ITEM	NUMBER OF RETURNS (1,000)						PERCENT		
	1970	1975	1978	1979	1980	1981 <sup>1</sup>	1970	1980	1981 <sup>1</sup>
Total tax returns <sup>2</sup>	74,280	82,229	89,772	92,694	93,902	95,396	100.0	100.0	100.0
Joint returns, husbands and wives	42,376	44,140	44,483	44,855	45,243	45,698	57.0	48.2	47.9
Returns of single persons	25,677	31,011	37,212	38,785	39,143	39,711	34.6	41.7	41.6
Returns with income under \$15,000 <sup>2</sup>	64,717	59,818	56,063	54,962	52,730	50,590	100.0	100.0	100.0
Joint returns, husbands and wives	33,421	24,100	16,124	14,509	13,334	12,422	51.6	25.3	27.7
Returns with income over \$15,000 <sup>2</sup>	9,563	22,411	33,708	37,733	41,173	44,806	100.0	100.0	100.0
Joint returns, husbands and wives	8,955	20,039	28,060	30,346	31,910	33,266	93.6	77.5	65.8

<sup>1</sup> Preliminary. <sup>2</sup> Includes other returns not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

No. 523. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ADJUSTED GROSS INCOME (AGI)—  
SUMMARY: 1960 TO 1981

(Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens; based on a sample of unaudited returns as filed. Taxability or nontaxability is determined by presence or absence of income tax after credits (exemptions, deductions, etc.). Classification as "nontaxable" generally based on each return as originally filed and does not reflect subsequent changes (amended returns, audits, etc.). Adjusted gross income (AGI) is gross income from all sources subject to tax reduced by legally permitted subtractions such as: Expenses of operating a business or trade, losses from sales of capital assets, etc. Data are not comparable for all years because of tax changes. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. Based on sample of unaudited returns as filed; see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data.)

NATURE OF RETURNS	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981, prel.
Taxpayers, total.....	Million....	98.7	107.6	117.0	126.6	130.7	134.3	137.6	139.2	141.2
Personal exemptions.....	Million....	175.3	190.7	204.1	212.2	215.2	219.9	224.7	227.9	231.2
65 years old and over.....	Million....	6.7	7.9	8.9	9.9	10.5	11.0	11.3	11.8	13.1
Taxpayers dependents.....	Million....	69.9	75.1	78.1	75.5	73.8	74.3	75.6	76.7	76.7
Adjusted gross income, total.....	Bil. dol.	316.6	430.7	634.3	947.8	1,158.5	1,302.4	1,465.4	1,613.7	1,772.6
Total individual returns <sup>1</sup> .....	Million....	61.0	67.6	74.3	82.2	86.6	89.8	92.7	93.9	95.4
Percent of total population filing returns <sup>2</sup> .....	Percent....	54.4	54.6	57.2	59.3	60.4	60.6	61.3	61.3	61.5
Returns with AGI.....	Million....	20.6	67.2	73.8	81.6	86.1	89.2	92.2	93.2	94.6
Taxable.....	Million....	48.1	53.7	59.3	61.5	64.4	68.7	71.7	73.9	76.7
Percent of all returns.....	Percent....	79.3	79.4	79.9	74.8	74.3	76.5	77.4	78.7	80.4
Adjusted gross income <sup>3</sup> .....	Bil. dol.	287.2	400.3	610.3	898.3	1,097.7	1,241.2	1,402.2	1,556.1	1,721.2
Personal exemptions <sup>4</sup> .....	Bil. dol.	61.2	91.9	107.0	123.8	126.0	132.1	130.3	135.6	139.2
65 years old and over.....	Million....	(NA)	4.1	5.6	6.7	6.7	8.4	7.9	9.1	10.4
Taxpayers dependents.....	Million....	61.2	68.1	59.5	59.4	68.7	61.5	62.7	63.5	63.5
Income tax withheld.....	Bil. dol.	31.9	38.5	74.2	114.8	143.5	166.1	194.9	223.9	255.3
Nontaxable <sup>5</sup> .....	Million....	12.5	13.5	14.5	20.7	22.3	21.1	21.0	20.0	18.7
Percent of all returns.....	Percent....	20.7	20.6	20.1	25.2	25.7	23.5	22.7	21.3	19.6
Returns with—										
Standard deduction <sup>6</sup> .....	Million....	36.9	39.3	38.4	55.5	59.0	59.7	66.2	59.5	58.7
Itemized deductions.....	Million....	24.1	27.9	35.4	26.1	22.9	25.8	26.5	29.0	31.6
Adjusted gross income.....	Bil. dol.	181.1	267.3	448.7	532.6	555.0	708.5	796.1	927.7	1,052.6
Deductions, total.....	Bil. dol.	36.3	50.7	88.2	122.3	138.5	164.4	184.1	218.0	256.4
Overpayments.....	Million....	39.4	42.8	55.3	63.8	66.0	65.5	71.4	69.9	70.0
Tax due.....	Million....	18.2	20.0	16.5	15.8	17.8	21.6	18.8	21.8	23.0
Statutory adjustments <sup>7</sup> .....	Bil. dol.	(NA)	3.1	7.7	15.1	19.3	22.4	24.8	26.6	31.4
Taxable income <sup>8</sup> .....	Bil. dol.	171.6	255.1	401.2	595.5	939.0	1,062.2	1,157.2	1,280.0	1,410.9
Percent of AGI.....	Percent....	54.2	59.2	63.2	62.8	81.1	81.6	79.0	79.3	79.6
Income tax, total <sup>9</sup> .....	Bil. dol.	39.5	49.5	83.9	124.5	159.8	188.2	214.5	250.3	284.1
Percent of AGI <sup>10</sup> .....	Percent....	13.3	12.1	13.7	13.9	14.6	14.5	14.6	15.5	16.0
Percent of taxable income <sup>11</sup> .....	Percent....	23.0	19.4	20.9	20.9	17.6	17.7	18.5	19.6	20.1
Average AGI per return <sup>12</sup> .....	\$1,000.....	6.2	7.6	8.5	14.5	17.1	18.1	19.6	21.1	22.4
Average income tax per return <sup>13</sup> .....	Dollar.....	.021	.922	1,415	2,025	2,482	2,740	2,992	3,387	3,703
Income tax per capita of total population.....	Dollar.....	219	256	413	584	738	849	865	1,102	1,239
Total credits.....	Bil. dol.	.4	.6	.4	8.1	13.6	13.6	6.8	7.2	11.3
Income tax after credits.....	Bil. dol.	39.5	49.5	83.8	124.4	158.5	186.7	213.3	249.1	282.3
Self-employment tax.....	Bil. dol.	.1	1.1	1.8	3.4	4.1	4.7	5.4	5.7	6.7
Total tax liability.....	Bil. dol.	40.3	50.6	85.8	127.9	164.0	193.2	220.1	256.3	291.1
Effective tax rate.....	Percent....	13.3	12.1	13.7	13.9	14.6	15.2	15.3	16.1	16.0
SOURCES OF INCOME (total returns)										
Salaries and wages, gross.....	Bil. dol.	<sup>12</sup> 257.7	346.8	531.3	795.4	969.4	1,090.3	1,229.3	1,349.8	1,486.1
Percent of AGI.....	Percent....	81.4	80.5	83.8	83.9	83.7	83.7	84.0	83.6	83.8
Interest.....	Bil. dol.	5.0	11.2	21.8	43.4	54.6	61.2	73.9	102.0	<sup>13</sup> 178.1
Business or profession, net <sup>14</sup> .....	Bil. dol.	<sup>12</sup> 22.1	25.2	31.0	39.4	49.5	53.5	56.6	55.1	53.1
Dividends <sup>15</sup> .....	Bil. dol.	9.5	12.9	15.7	21.9	27.0	30.2	33.5	36.8	( <sup>14</sup> )
Pensions and annuities <sup>16</sup> .....	Bil. dol.	1.6	3.6	7.9	20.9	29.2	32.7	37.3	43.3	51.9
Sales of capital assets <sup>14</sup> .....	Bil. dol.	5.1	10.0	8.7	14.1	20.8	23.2	28.4	29.7	31.8
Partnerships <sup>14</sup> .....	Bil. dol.	<sup>14</sup> 9.2	<sup>18</sup> 11.1	11.7	10.8	13.3	15.0	12.4	9.4	—1
Rents <sup>14</sup> .....	Bil. dol.	2.7	2.4	2.4	3.4	3.0	3.1	1.8	.2	—2.6
Farm <sup>14</sup> .....	Bil. dol.	( <sup>14</sup> )	3.9	3.4	3.8	.5	3.6	2.1	—1.8	—7.8
Estates and trusts <sup>14</sup> .....	Bil. dol.	.7	( <sup>18</sup> )	1.4	2.6	2.8	2.1	3.8	4.6	4.0
Small business corporation <sup>14</sup> .....	Bil. dol.	.6	.6	.8	1.8	2.2	2.6	2.9	3.9	5.8
Royalties <sup>14</sup> .....	Bil. dol.	2.2	6.1	4.2	3.5	3.5	3.9	6.1	6.6	6.9

NA Not available. <sup>1</sup> Through 1970, excludes returns with no adjusted income; thereafter includes returns with no adjusted income. <sup>2</sup> Joint returns counted twice in computing percent. <sup>3</sup> 1960-1970, returns with adjusted gross income only. Beginning 1975, includes returns with adjusted gross income less deficit. <sup>4</sup> Exemptions: 1960 and 1965, \$600; 1970, \$625; 1975-1978, \$750; 1979-1981, \$1,000. <sup>5</sup> Beginning 1975, includes returns with no adjusted income. <sup>6</sup> For years 1960-1975, includes returns with standard deduction and returns with no deductions. Starting in 1977, includes returns with the zero bracket amount only. <sup>7</sup> Comprises sick pay exclusion (for 1977 changed to disability exclusion), moving expense, self-employed retirement deduction and, beginning 1975, payments to an individual retirement account and forfeited interest penalty.

<sup>8</sup> Represents adjusted gross income minus exemptions and deductions. Beginning 1977, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. <sup>9</sup> Income tax after credits. Beginning 1970, includes additional tax for tax preferences ("minimum tax"). <sup>10</sup> Only taxable returns counted in computing percent or average.

<sup>11</sup> Beginning 1977, taxable income includes zero bracket amount, and therefore the percentage is not comparable to earlier years. <sup>12</sup> Represents salaries and wages after sick pay exclusion and certain employee business expenses. <sup>13</sup> Beginning 1981 dividends are included with interest. <sup>14</sup> Figures represent net income minus net loss. <sup>15</sup> Farm, net included with business or profession, net. <sup>16</sup> After exclusions.

<sup>17</sup> Taxable portion. <sup>18</sup> Small business corporation included with partnerships. <sup>19</sup> Included in other sources. <sup>20</sup> Statutory adjustments are not included with other sources.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

## Federal Government Finances and Employment

## NO. 524. FEDERAL INDIVIDUAL INCOME TAX RETURNS: 1970 TO 1981

[In thousands of returns. See headnote, table 523]

ADJUSTED GROSS INCOME CLASS	RETURNS WITH ADJUSTED GROSS INCOME					TAXABLE RETURNS				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total	73,862	81,586	92,152	93,239	94,587	59,317	61,491	71,695	73,898	76,709
Under \$10,000	50,193	44,211	39,986	37,763	35,589	35,688	24,505	20,166	19,105	18,505
\$10,000-\$19,999	19,644	25,318	25,818	25,401	25,191	19,613	24,984	25,311	24,876	24,604
\$20,000-\$29,999	2,577	8,342	15,330	15,942	16,322	2,672	8,305	15,240	15,850	16,191
\$30,000-\$39,999										
\$40,000-\$49,999	918	2,748	2,229	3,053	4,182	916	2,734	2,224	3,042	4,159
\$50,000-\$99,999	351	781	1,890	2,568	3,443	350	776	1,881	2,554	3,425
\$100,000 and over	78	186	452	561	655	78	185	451	559	653

## NO. 525. FEDERAL INDIVIDUAL INCOME TAX RETURNS, TAXABLE INCOME, AND TAX: 1970 TO 1981

[See headnote, table 523]

ADJUSTED GROSS INCOME (AGI) CLASS	TOTAL (bil. dol.)					PERCENT DISTRIBUTION					1981, prel.	
	1970	1975	1978	1979	1980	1981, prel.	1970	1975	1978	1979	1980	
AGI, total <sup>1</sup>	634.2	947.8	1,302.4	1,465.4	1,613.7	1,772.6	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns	610.3	898.3	1,241.2	1,402.3	1,556.1	1,721.2	96.2	94.8	95.3	95.7	96.4	97.1
Under \$10,000	210.0	157.0	142.7	136.3	128.7	124.2	33.1	16.5	10.9	9.3	8.0	7.0
\$10,000-\$19,999	269.0	360.2	368.1	371.0	363.5	359.3	41.9	38.0	28.3	25.3	22.5	20.3
\$20,000-\$29,999	62.9	198.0	335.5	371.9	389.1	398.5	9.9	20.9	25.8	25.4	24.1	22.5
\$30,000-\$39,999												
\$40,000-\$49,999	34.0	99.7	237.5	219.1	271.8	316.3	5.4	10.5	18.2	15.0	16.8	17.8
\$50,000-\$99,999	23.0	51.2	95.6	122.6	165.0	218.3	3.5	5.4	7.3	8.4	10.2	12.3
\$100,000 and over	14.3	32.4	62.5	84.3	104.2	121.6	2.3	3.4	4.8	5.7	6.5	6.9
Nontaxable returns	23.9	49.5	61.2	63.1	57.6	51.4	3.8	5.2	4.7	4.3	3.6	2.9
Taxable income, total <sup>2</sup>	401.2	595.5	1,062.2	1,157.2	1,280.0	1,410.9	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns	400.9	590.4	1,027.3	1,127.5	1,250.2	1,383.7	99.9	99.1	86.7	97.4	97.8	98.1
Under \$10,000	119.6	79.7	117.1	106.6	100.5	97.0	29.8	13.4	11.0	9.2	7.9	6.9
\$10,000-\$19,999	178.8	229.8	305.1	294.9	291.0	286.6	44.6	38.6	28.7	25.5	22.7	20.5
\$20,000-\$29,999	46.6	140.4	278.4	300.3	314.4	323.6	11.6	23.6	26.2	26.0	24.6	23.0
\$30,000-\$39,999	26.4	74.7	197.0	178.0	220.6	256.7	6.6	12.5	18.5	15.4	17.2	18.2
\$40,000-\$49,999	18.4	40.1	78.8	99.7	133.2	174.1	4.6	6.7	7.4	8.6	10.4	12.3
\$50,000-\$99,999	11.0	25.6	50.9	68.2	83.5	94.8	2.7	4.3	4.8	5.9	6.5	6.7
Nontaxable returns	3	5.1	34.9	29.7	28.0	27.2	1	.9	3.3	2.6	2.2	1.9
Income tax, total <sup>3</sup>	83.9	124.5	188.2	214.5	250.3	284.1	100.0	100.0	100.0	100.0	100.0	100.0
Taxable returns	83.9	124.5	188.2	214.5	250.3	284.1	100.0	100.0	100.0	100.0	100.0	100.0
Under \$10,000	20.3	11.9	9.4	8.9	8.4	8.0	24.2	9.6	4.9	4.1	3.3	2.8
\$10,000-\$19,999	33.9	40.4	40.5	39.6	39.8	39.5	40.4	32.4	21.5	18.5	15.9	13.9
\$20,000-\$29,999	10.3	28.4	47.3	50.1	53.4	55.7	12.3	22.8	25.1	23.3	21.3	19.6
\$30,000-\$39,999	7.1	18.2	42.7	35.5	44.4	51.7	8.4	14.6	22.7	16.6	17.7	18.2
\$40,000-\$49,999	6.6	13.4	24.4	29.8	39.8	51.0	7.8	10.8	13.0	13.9	15.9	18.0
\$50,000-\$99,999	5.7	12.2	23.8	31.9	38.9	43.2	6.8	9.8	12.6	14.9	15.5	15.2

<sup>1</sup> Beginning 1975, adjusted gross income less deficit. <sup>2</sup> Represents adjusted gross income minus exemptions and deductions. Beginning 1978, includes the "zero bracket" amount and therefore is not comparable to taxable income shown for earlier years. <sup>3</sup> Tax after credit, includes minimum tax; beginning 1979, includes alternative minimum tax.

## NO. 526. AVERAGE TAX OF TAXABLE INDIVIDUAL INCOME TAX RETURNS: 1970 TO 1981

[See headnote, table 523]

ADJUSTED GROSS INCOME CLASS	AVERAGE TAX (\$1,000)					PERCENT TOTAL TAX <sup>1</sup> OF TAXABLE INCOME				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total	1,415	2,025	2,992	3,387	3,703	20.9	21.1	18.5	20.0	20.5
Under \$10,000	.6	.5	.4	.4	.4	17.0	15.0	8.4	8.4	8.4
\$10,000-\$19,999	1.7	1.6	1.6	1.6	1.6	18.9	17.6	13.4	13.7	13.7
\$20,000-\$29,999	3.8	3.4	3.3	3.4	3.4	22.0	20.2	16.7	17.0	17.2
\$30,000-\$39,999	7.8	6.7	5.5	5.6	5.6	27.0	24.4	19.9	20.1	20.2
\$40,000-\$49,999	19.0	17.2	15.9	15.6	14.9	36.1	33.3	29.9	29.9	29.3
\$50,000-\$99,999	73.8	66.2	70.8	69.5	66.3	51.8	47.8	46.8	46.6	45.6
\$100,000 and over										

<sup>1</sup> Consists of income tax after credits, minimum tax, and beginning in 1979, alternative minimum tax. <sup>2</sup> Beginning 1979, not comparable to previous years because of change in definition of taxable income (see headnote, table 523, and footnote 2, table 525).

Source of tables 524-526: U.S. Internal Revenue Service, Statistics of Income, Individual Income Tax Returns, annual.

# Federal Individual Income Tax

329

**No. 527. FEDERAL INDIVIDUAL INCOME TAX—EFFECTIVE (AVERAGE) AND MARGINAL TAX RATES, FOR SELECTED INCOME GROUPS: 1954 TO 1983**

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self-employment tax. See *Historical Statistics, Colonial Times to 1970*, series Y 412-439, for similar data based on net income.]

ADJUSTED GROSS INCOME <sup>1</sup>	TAX LIABILITY										MARGINAL TAX RATE (percent)											
	1954-1963	1965	1970 <sup>2</sup>	1975	1979- 1980 <sup>3</sup>	1982	1983	1954- 1963	1965	1970 <sup>2</sup>	1975	1979- 1980 <sup>3</sup>	1982	1983	1954- 1963	1965	1970 <sup>2</sup>	1975	1979- 1980 <sup>3</sup>	1982	1983	
<b>CURRENT DOLLARS</b>																						
Single person, no dependent																						
\$5,000.....	818	671	683	404	250	216	199	16.4	13.4	13.7	8.1	5.0	4.3	4.0	2.2	19	19.5	19	16	14	13	
\$10,000.....	2,086	1,742	1,226	1,476	1,043	951	21.0	17.4	14.8	11.8	10.4	9.5	3.4	2.8	25.5	20.2	21	19	17			
\$20,000.....	5,900	4,916	4,405	4,123	3,837	3,442	3,069	22.5	22.0	20.6	19.2	17.2	5.0	4.2	34	34	31	28				
\$25,000.....	8,324	6,982	5,091	5,865	5,484	4,942	4,445	33.3	27.9	24.4	23.5	19.8	17.8	5.6	4.8	39.0	38	35	32			
\$50,000.....	15,500	12,028	9,688	9,194	8,299	7,485	39.4	33.2	28.7	26.3	23.7	21.4	6.2	5.3	45	44	40	36				
\$15,000.....	39,702	33,206	31,560	30,860	28,487	25,718	23,873	52.9	44.3	42.1	40.9	39.3	34.3	28.9	26.1	60	55	50	45			
Married couple, 2 dependents, <sup>4</sup>																						
\$5,000.....	420	290	290	5-300	5-300	5-300	5-300	8.4	8.4	8.4	5.8	5.8	5.8	5.8	5.8	6.0	10.0	10.0	10.0	10.0	10.0	
\$10,000.....	1,372	1,114	1,112	1,374	1,374	1,374	1,374	13.7	13.7	13.7	11.2	11.2	11.2	11.2	11.2	13.7	3.2	3.2	3.2	3.2	3.2	
\$20,000.....	3,800	3,160	3,213	2,740	2,885	2,013	1,846	19.0	15.8	16.1	13.7	11.3	10.1	9.2	9.2	20.0	19.0	19.0	19.0	19.0	19.0	
\$25,000.....	5,318	4,412	4,492	4,092	3,497	2,828	2,828	17.8	18.0	18.4	14.4	12.5	11.3	11.3	11.3	18.0	15.2	15.2	15.2	15.2	15.2	
\$50,000.....	9,037	7,329	6,877	7,175	6,571	5,904	5,834	25.8	21.9	21.9	18.8	16.9	15.2	15.2	15.2	20.0	17.7	17.7	17.7	17.7	17.7	
\$15,000.....	15,976	13,388	12,880	12,880	12,118	9,911	9,844	32.0	27.3	26.0	24.2	21.8	19.7	19.7	19.7	25.4	25.4	25.4	25.4	25.4	25.4	
\$20,000.....	29,535	25,025	25,594	24,575	23,404	21,086	19,050	39.5	33.4	34.1	32.8	31.2	28.1	28.1	28.1	25.4	25.4	25.4	25.4	25.4	25.4	
<b>REAL INCOME EQUIVALENT</b>																						
1960	1970	1975	1979	1980	1982	1983	1960	1970 <sup>2</sup>	1975	1979	1980	1982	1983	1960	1970 <sup>2</sup>	1975	1979	1980	1982	1983		
<b>CONSTANT (1980) DOLLARS<sup>6</sup></b>																						
Single person, no dependent:																						
\$5,000.....	2,010	2,585	3,499	4,536	5,000	5,738	6,001	12.0	7.5	4.0	3.9	5.0	5.7	5.7	20	16.8	16	16	15			
\$10,000.....	4,019	5,170	6,998	9,302	10,000	11,478	12,001	15.5	13.8	11.4	10.9	11.8	11.5	10.8	22	21.5	21	19	19			
\$20,000.....	8,038	10,341	13,997	18,144	20,000	22,551	24,002	19.3	17.0	16.7	17.8	19.2	17.4	17.4	22.7	20.5	20.5	20.5	20.5			
\$25,000.....	10,968	12,926	17,976	22,890	25,000	28,689	30,003	21.0	18.7	19.0	20.9	21.9	21.3	19.5	34	27.7	30	31	31			
\$50,000.....	14,957	18,987	24,493	31,752	40,655	42,004	24.4	21.1	23.2	24.9	26.3	25.6	23.7	43	31.8	38	44	44	44			
\$15,000.....	20,095	25,052	34,992	45,361	50,000	57,378	60,006	29.6	24.8	27.7	30.0	32.1	30.7	28.5	50	41.0	45	45	45	45	45	
\$30,000.....	30,143	38,775	52,487	68,041	75,000	86,058	90,008	36.7	30.2	34.4	39.1	33.7	34.0	34.0	62	51.2	60	63	63	63	63	
Married couple, 2 dependents: <sup>4</sup>																						
\$5,000.....	2,010	2,585	3,499	4,536	5,000	5,738	6,001	12.0	7.5	4.0	3.9	5.0	5.7	5.7	20	16.8	16	16	15			
\$10,000.....	4,019	5,170	6,998	9,302	10,000	11,478	12,001	15.5	13.8	11.4	10.9	11.8	11.5	10.8	22	21.5	21	19	19			
\$20,000.....	8,038	10,341	13,997	18,144	20,000	22,551	24,002	19.3	17.0	16.7	17.8	19.2	17.4	17.4	22.7	20.5	20.5	20.5	20.5			
\$25,000.....	10,048	12,026	17,996	22,890	25,000	28,689	30,003	13.7	12.9	12.1	12.8	14.0	13.4	13.4	22.6	22.6	22.6	22.6	22.6			
\$50,000.....	14,067	18,097	24,494	31,752	35,000	40,655	42,004	16.1	17.1	18.8	18.5	17.1	16.3	16.3	26	26	26	26	26			
\$15,000.....	20,095	25,852	34,992	45,361	50,000	57,378	60,006	19.0	18.5	20.5	22.2	24.0	22.3	22.3	30	32.8	33	33	33	33		
\$30,000.....	30,143	38,779	52,487	68,041	75,000	86,058	90,008	23.6	23.3	26.8	28.2	31.2	30.2	27.8	43.0	50	54	54	54	54		

<sup>1</sup> Represents zero. <sup>2</sup> See headnote, Table 523. <sup>3</sup> Includes tax surcharge. <sup>4</sup> Only one spouse is assumed to work.

<sup>5</sup> Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 125.3; 1979, 162.3; 1980, 178.9; 1982, 205.3; and 1983, 214.7.

Source: U.S. Dept. of the Treasury, unpublished data.

## Federal Government Finances and Employment

## NO. 528. FEDERAL INDIVIDUAL INCOME TAX RETURNS AND TAXES 1970 TO 1981—STATES AND OTHER AREAS: 1981

[1970 data differ somewhat from those in other tables for individual returns with income because of a distinct weighting system for State data. For composition of regions, see fig. I, cover.]

YEAR, REGION, DIVISION, AND STATE	Num- ber of returns (1,000)	Adjusted gross income <sup>1</sup> (mil. dol.)	INCOME TAX		DIVISION AND STATE	Num- ber of returns (1,000)	Adjusted gross income <sup>1</sup> (mil. dol.)	INCOME TAX	
			Total <sup>2</sup> (mil. dol.)	Per capita <sup>3</sup> (dol.)				Total <sup>2</sup> (mil. dol.)	Per capita <sup>3</sup> (dol.)
1970.....	74,278	631,626	83,880	412	S.A.....	15,509	272,898	42,413	1,123
1975.....	82,229	947,785	124,526	578	Del.....	259	5,089	842	1,408
1979.....	92,694	1,465,395	214,495	955	Md.....	1,881	38,485	6,245	1,465
1980.....	93,902	1,613,731	250,341	1,102	D.C.....	319	5,965	1,038	1,645
1981, prel.....	95,396	1,772,604	284,129	1,239	Va.....	2,260	43,047	6,840	1,260
Regions:					W. Va.....	672	11,384	1,769	906
Northeast.....	20,879	401,946	66,068	1,339	N.C.....	2,383	37,692	5,252	882
No. Central.....	24,193	448,745	72,066	1,222	S.C.....	1,208	19,107	2,615	826
South.....	30,727	546,695	87,930	1,144	Ga.....	2,183	36,394	5,324	955
West.....	18,934	364,045	56,668	1,282	Fla.....	4,344	75,735	12,488	1,226
N. Eng.....	5,532	102,992	17,014	1,367	E.S.C.....	5,341	86,048	12,564	853
Maine.....	464	7,036	961	848	Ky.....	1,314	21,724	3,206	875
N.H.....	420	7,419	1,161	1,240	Tenn.....	1,756	28,327	4,230	917
Vt.....	213	3,304	467	905	Ala.....	1,401	22,902	3,264	833
Mass.....	2,570	47,532	7,737	1,340	Miss.....	870	13,095	1,864	736
R.I.....	410	6,865	1,022	1,072	W.S.C.....	9,877	187,749	32,953	1,347
Conn.....	1,455	30,836	5,666	1,808	Ark.....	822	12,240	1,718	748
Mfd. Atl.....	15,347	298,954	49,054	1,330	La.....	1,631	30,246	5,243	1,217
N.Y.....	7,198	142,547	23,092	1,312	Oklahoma.....	1,265	23,466	3,941	1,271
N.J.....	3,272	67,806	11,682	1,578	Tex.....	6,159	121,797	22,051	1,493
Pa.....	4,877	88,601	14,280	1,203	Mt.....	4,903	88,510	13,530	1,157
E.N.C.....	17,067	323,335	52,583	1,262	Mont.....	334	5,311	767	967
Ohio.....	4,481	81,753	13,120	1,320	Idaho.....	363	5,865	821	856
Ind.....	2,197	39,408	6,987	1,168	Wyo.....	217	4,441	784	1,593
Ill.....	4,831	96,246	16,703	1,457	Colo.....	1,343	26,294	4,276	1,442
Mich.....	3,609	70,636	11,161	1,213	N. Mex.....	537	8,735	1,292	973
Wis.....	1,969	35,292	5,212	1,099	Ariz.....	1,151	20,533	3,046	1,090
W.N.C.....	7,126	125,410	19,463	1,130	Utah.....	553	9,820	1,273	839
Minn.....	1,743	31,438	4,733	1,156	Nev.....	405	7,511	1,271	1,504
Iowa.....	1,178	20,785	3,180	1,097	Pac.....	14,031	275,535	43,138	1,329
Mo.....	1,982	34,914	5,563	1,125	Wash.....	1,804	35,549	5,987	1,420
N. Dak.....	277	4,531	704	1,070	Oreg.....	1,092	19,020	2,760	1,041
S. Dak.....	278	4,005	559	815	Calif.....	10,501	208,107	32,270	1,394
Nebr.....	665	11,069	1,662	1,054	Alaska.....	196	4,988	976	2,369
Kans.....	1,003	18,668	3,082	1,293	Hawaii.....	438	7,871	1,145	1,167
Other <sup>4</sup> .....					Other <sup>4</sup> .....	665	11,170	1,397	(NA)

NA Not available. <sup>1</sup>Less deficit. <sup>2</sup>Includes additional tax for tax preferences. <sup>3</sup>Based on resident population as of July 1. <sup>4</sup>Returns with addresses outside the United States.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

## NO. 529. FEDERAL INDIVIDUAL INCOME TAX RETURNS WITH ITEMIZED DEDUCTIONS, BY ADJUSTED GROSS INCOME CLASSES: 1981

[See headnote, table 523]

ADJUSTED GROSS INCOME CLASS	Returns with itemized deduc- tions (1,000)	Adjust- ed gross income (bil. dol.)	Tax- able in- come (bil. dol.)	Total itemized deduc- tions <sup>1</sup> (bil. dol.)	Percent of—		Taxes (bil. dol.)	Interest paid (bil. dol.)		Contri- bu- tions (bil. dol.)	Medi- cal and dental ex- penses (bil. dol.)
					Ad- justed gross in- come	Tax- able in- come		Total	Home mort- gage		
Total.....	31,571	1,062.6	809.4	256.4	24.1	31.7	79.7	108.7	68.6	30.8	17.9
Taxable returns.....	30,104	1,045.9	(NA)	242.4	23.2	(NA)	77.6	102.3	64.8	29.8	14.7
Under \$10,000.....	1,159	3.3			.7	1.1	.7			.4	.7
\$10,000-\$24,999.....	9,885	53.4			14.4	23.1	15.8			5.8	6.0
\$25,000-\$49,999.....	15,221	115.6			38.2	50.8	34.6			12.3	6.0
\$50,000-\$99,999.....	3,206	43.3			15.4	17.9	10.7			5.5	1.5
\$100,000-\$199,999.....	497	14.2			5.0	5.4	2.2			2.3	.3
\$200,000 and over.....	136	12.6			4.0	4.1	.7			3.5	.1
Nontaxable returns.....	1,467	16.7	(NA)	14.0	83.8	(NA)	2.1	6.4	3.8	1.0	3.2

NA Not available. <sup>1</sup>Includes others not shown separately.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1980, Individual Income Tax Returns*.

**NO. 530. FEDERAL INDIVIDUAL INCOME TAX RETURNS—ADJUSTED GROSS INCOME, BY SOURCE OF INCOME AND INCOME CLASS: 1981**

(in millions of dollars, except percent. Minus sign (–) indicates net loss was greater than net income. See headnote, table 523)

ITEM	Total income <sup>1</sup>	ADJUSTED GROSS INCOME CLASSES FOR TAXABLE RETURNS						
		Total <sup>2</sup>	Under \$10,000 <sup>2</sup>	\$10,000-\$24,999	\$25,000-\$49,999	\$50,000-\$99,999	\$100,000-\$199,999	\$200,000 and over
Number of returns (1,000).....	95,396	76,725	18,521	33,634	20,493	3,425	514	138
SOURCE OF INCOME								
Adjusted gross income (AGI).....	1,772,604	1,721,173	122,967	561,528	696,781	218,264	67,505	54,128
Salaries.....	1,486,100	1,426,944	102,228	484,832	611,186	164,251	41,544	22,904
Percent of AGI.....	83.8	82.9	83.1	88.3	87.7	75.3	61.5	42.3
Interest received.....	140,559	131,905	13,553	40,722	41,721	21,199	8,034	6,671
Dividends received.....	48,161	46,344	2,280	7,288	11,707	9,827	6,322	8,920
Dividends and interest in AGI.....	178,098	168,576	14,690	44,699	49,594	29,978	14,175	15,543
Business and profession, net.....	53,072	52,128	1,910	12,475	17,869	13,157	4,443	2,264
Pensions and annuities <sup>3</sup> .....	51,885	48,891	6,234	20,898	16,303	4,441	755	263
Sales of capital assets, <sup>4</sup> net.....	30,819	28,491	1,567	2,368	4,496	4,968	4,238	10,653
Rents and royalties, net.....	3,062	4,804	65	172	–413	1,220	1,609	2,152
Other sources, <sup>5</sup> net.....	–22,483	–12,292	–1,682	–4,742	–4,418	–2,023	–162	736
PERCENT DISTRIBUTION								
Number of returns .....	100.0	80.4	19.4	35.3	21.5	3.6	.5	.1
Adjusted gross income .....	100.0	97.1	6.9	31.7	39.3	12.3	3.8	3.1
Salaries .....	100.0	96.0	6.9	32.6	41.1	11.1	2.8	1.5
Interest received .....	100.0	93.8	9.6	29.0	29.7	15.1	5.7	4.7
Dividends received .....	100.0	96.2	4.7	15.1	24.3	20.4	13.1	18.5
Dividends and interest in AGI .....	100.0	94.7	8.2	25.1	27.8	16.8	8.0	8.7
Business and profession, net .....	100.0	98.2	3.6	23.5	33.7	24.8	8.4	4.3
Pensions and annuities <sup>3</sup> .....	100.0	94.2	12.0	40.3	31.4	8.6	1.5	.5
Sales of capital assets, <sup>4</sup> net .....	100.0	92.4	5.1	7.7	14.6	16.1	13.8	35.2
Rents and royalties, net .....	100.0	156.9	2.1	5.6	–13.5	39.8	52.5	70.3

<sup>1</sup> Includes returns with no adjusted gross income. <sup>2</sup> Includes a small number of taxable returns with no adjusted gross income. <sup>3</sup> Taxable portion. <sup>4</sup> Includes net sales of property other than capital assets (\$232 mil. in 1981). <sup>5</sup> Includes statutory adjustments.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1981, Individual Income Tax Returns*.

**NO. 531. FEDERAL INDIVIDUAL INCOME AND EMPLOYMENT TAX RECEIPTS—STATES: 1980 TO 1982**

[For years ending Sept. 30. A State's receipts do not necessarily indicate its tax burden since, in many instances, taxes are collected in one State from residents of another. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	TAX RECEIPTS						DIVISION AND STATE	TAX RECEIPTS						
	Total (mil. dol.)			Percent of personal income <sup>1</sup>				Total (mil. dol.)			Percent of personal income <sup>1</sup>			
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982	
<b>Total<sup>2</sup></b> .....	<b>415,878</b>	<b>485,736</b>	<b>521,327</b>	<b>19.3</b>	<b>20.2</b>	<b>20.2</b>	S.A.—Con.	12,176	14,285	15,282	23.5	24.9	24.7	
<b>Regions:</b>							Md. and D.C.	6,712	7,883	8,643	13.4	14.0	14.2	
Northeast.....	108,297	126,732	136,166	21.8	22.9	23.0	Va.	1,706	1,886	2,089	11.3	11.5	12.0	
N. Central.....	122,205	139,006	142,824	21.7	22.4	22.1	N.C.	6,864	7,792	8,273	15.0	15.1	15.2	
South.....	105,247	124,701	138,160	16.2	16.9	17.4	S.C.	2,982	3,447	3,726	13.5	13.5	13.6	
West.....	78,469	90,264	97,890	17.7	18.2	18.5	Ga.	6,810	8,102	8,551	15.4	16.3	16.1	
N.E.....	24,028	31,664	32,887	19.5	23.0	22.0	Fla.	13,262	16,411	17,654	14.7	15.9	15.4	
Maine.....	1,100	1,318	1,366	12.7	13.6	13.1	E.S.C.	14,713	15,924	18,125	13.5	13.2	14.2	
N.H.....	1,209	1,491	1,651	14.5	15.9	16.0	Ky.	3,731	4,099	4,413	13.5	13.3	13.6	
Vt.....	491	590	647	12.3	13.1	13.1	Tenn.	5,395	5,347	6,385	15.4	13.7	15.3	
Mass.....	10,799	12,970	14,106	18.7	20.2	20.1	Ala.	3,868	4,483	4,799	13.3	13.9	14.2	
R.I.....	1,652	1,924	1,979	18.9	19.9	19.0	Miss.	1,719	1,995	2,528	10.2	10.6	12.7	
Conn.....	8,777	13,371	13,128	24.5	33.3	30.2	W.S.C.	38,250	47,388	53,638	17.7	19.0	19.7	
M.A.....	84,259	95,068	103,279	22.6	22.9	23.1	Ark.	1,902	2,169	2,386	11.6	11.7	12.2	
N.Y.....	45,235	52,178	56,686	25.1	25.9	25.9	La.	5,563	6,818	7,598	15.6	16.6	17.1	
N.J.....	15,490	16,314	18,735	19.2	18.1	18.2	Oklahoma	5,087	6,709	7,601	21.1	21.1	21.8	
Pa.....	23,534	26,576	27,858	21.1	21.6	21.4	Tex.	25,708	31,692	36,073	18.9	20.0	20.8	
E.N.C.....	90,186	102,512	104,291	22.2	23.1	22.2	Mt.	17,382	20,628	22,979	16.9	17.8	18.4	
Ohio.....	22,528	25,805	26,618	22.1	23.2	22.4	Mont.	818	930	1,072	12.3	12.5	13.7	
Ind.....	9,164	10,532	11,123	18.8	19.8	20.4	Idaho	1,297	1,523	1,588	16.9	17.8	17.6	
Ill.....	29,206	33,912	33,740	24.4	25.6	24.0	Wyo.	653	775	855	12.8	13.4	14.1	
Mich.....	21,602	23,613	23,820	23.6	23.8	22.8	Colo.	6,913	8,481	9,815	23.8	25.5	27.3	
Wis.....	7,686	8,649	8,990	17.5	18.2	17.8	N. Mex.	1,272	1,478	1,682	12.4	13.1	13.8	
W.N.C.....	32,019	36,494	38,543	20.3	20.6	20.5	Ariz.	3,342	3,861	4,145	13.9	14.2	14.1	
Minn.....	9,651	11,009	11,932	24.4	25.0	25.5	Utah	1,601	1,872	2,007	14.3	14.8	14.7	
Iowa.....	3,722	4,105	4,179	13.8	13.5	13.2	Nev.	1,487	1,708	1,814	17.3	17.5	17.3	
Mo.....	10,626	12,048	12,647	24.8	25.3	24.5	Pac.	61,087	69,636	74,911	17.9	18.3	18.3	
N. Dak.....	747	942	1,005	13.8	14.0	13.9	Wash.	7,410	8,507	8,897	17.4	17.9	17.4	
S. Dak.....	654	734	786	12.3	12.1	12.2	Oreg.	3,898	4,881	4,640	15.9	16.4	16.7	
Nebr.....	2,791	3,199	3,409	19.8	19.6	20.0	Calif.	47,531	53,595	58,437	18.4	18.5	18.7	
Kans.....	3,828	4,457	4,586	16.4	17.3	16.6	Alaska	824	1,047	1,262	16.2	18.5	18.2	
S.A.....	52,284	61,389	66,397	16.0	16.7	16.7	Hawaii	1,423	1,606	1,675	14.4	14.8	14.4	
Del.....	1,792	1,563	2,179	29.8	23.0	30.3								

<sup>1</sup> See table 750 for base data. <sup>2</sup> Includes Puerto Rico, international operations, and unallocated receipts and credits.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner of the Internal Revenue Service*.

## No. 532. CORPORATION INCOME TAX RETURNS—SUMMARY: 1960 TO 1980

[Estimates based on samples; see Appendix III. All data based on returns for periods ending between July 1 of year shown and June 30 of following year, as filed. All corporations are required to file returns except those specifically exempt, such as fraternal, civic, and charitable organizations not operating for profit. See source for changes in law affecting comparability of historical data. Corporate data based on income tax returns appear in Section 18. See also *Historical Statistics, Colonial Times to 1970*, series Y 381-392.]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980
Number of returns.....	1,000	1,188	1,490	1,747	1,981	2,043	2,100	2,159	2,329	2,470	2,632	(NA)
Active corporations.....	1,000	1,141	1,424	1,665	1,905	1,966	2,024	2,082	2,242	2,377	2,557	2,711
With net income.....	1,000	670	915	1,008	1,203	1,207	1,226	1,274	1,425	1,524	1,586	1,597
Without net income.....	1,000	470	509	657	702	759	797	809	817	853	971	1,114
Inactive corporations.....	1,000	47	66	82	76	77	76	77	87	93	75	75
Total receipts <sup>1</sup> .....	Bil. dol.	849	1,195	1,751	2,558	3,090	3,199	3,635	4,128	4,715	5,599	6,361
Total deductions.....	Bil. dol.	805	1,120	1,683	2,435	2,942	3,053	3,449	3,909	4,467	5,316	6,125
Net income.....	Bil. dol.	50	81	84	138	171	169	210	245	275	322	297
Net income less deficit <sup>2</sup> .....	Bil. dol.	44	74	66	120	146	143	185	219	247	285	239
Income subject to tax.....	Bil. dol.	42	71	72	116	144	147	183	213	240	279	247
Income tax, total.....	Bil. dol.	23	32	33	52	66	66	83	96	108	120	105
Foreign tax credit.....	Bil. dol.	1	3	5	10	21	20	24	26	26	37	25
Investment credit.....	Bil. dol.	(x)	2	1	4	4	6	9	11	13	15	15
Tax after credits <sup>4</sup> .....	Bil. dol.	22	27	28	39	41	40	50	57	64	66	63

NA Not available. X Not applicable. <sup>1</sup> Consists of business receipts, taxable and nontaxable interest, rents, royalties, net gain from capital assets (as defined by law) and other property, dividends, and other taxable income. <sup>2</sup> Net income (less deficit) is a tax concept and therefore excludes wholly tax-exempt interest; beginning 1965, includes constructive taxable income from related foreign corporations. <sup>3</sup> See footnote 4, table 533. <sup>4</sup> Tax liability is after deduction for foreign tax credit. Beginning 1965, data are after investment credit; beginning 1973, after work incentive (WIN) credit; beginning 1976, after U.S. possessions tax credit; beginning 1977, after jobs credit; and beginning 1980, after nonconventional source fuel and alcohol fuel credits. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; 1970-1975, includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior-year work incentive (WIN) credit; and beginning 1976 includes tax credit for outlying areas.

## No. 533. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS: 1970 TO 1980

[See headnote, table 532. See also *Historical Statistics, Colonial Times to 1970*, series V 108, 129, 136, 137, and 182-196]

ASSET SIZE CLASS	Number of returns <sup>1</sup> (1,000)	Total receipts (bil. dol.)	Income subject to tax (bil. dol.)	TAX <sup>2</sup> (bil. dol.)		PERCENT DISTRIBUTION		
				Before credits	After credits	Number of returns	Receipts	Tax after credits
<b>1970: Total</b> .....	<b>1,665</b>	<b>1,750.7</b>	<b>72.4</b>	<b>33.3</b>	<b>27.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$1.0 million <sup>3</sup> .....	1,560	439.6	10.7	3.6	3.5	93.7	25.1	12.5
\$1.0 million-\$9.9 million.....	87	292.0	9.9	4.6	4.5	5.2	16.7	16.1
\$10.0 million-\$99.9 million.....	16	232.0	9.8	4.7	4.4	1.0	13.3	15.8
\$100.0 million and over.....	3	787.2	42.0	20.5	15.4	.2	45.0	55.2
<b>1975: Total</b> .....	<b>2,024</b>	<b>3,198.6</b>	<b>146.6</b>	<b>66.1</b>	<b>39.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$1.0 million <sup>3</sup> .....	1,883	616.0	14.8	4.2	3.8	93.0	19.3	9.6
\$1.0 million-\$9.9 million.....	116	516.6	17.1	7.4	6.9	5.7	16.2	17.4
\$10.0 million-\$99.9 million.....	21	422.4	17.2	8.1	7.2	1.0	13.2	18.1
\$100.0 million and over.....	4	1,643.6	97.3	46.4	21.8	.2	51.4	54.9
<b>1979: Total</b> .....	<b>2,557</b>	<b>5,598.7</b>	<b>279.4</b>	<b>120.0</b>	<b>65.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$1.0 million <sup>3</sup> .....	2,342	943.8	24.9	6.3	4.6	91.6	16.9	7.0
\$1.0 million-\$9.9 million.....	181	946.4	29.4	11.7	9.8	7.1	16.9	14.9
\$10.0 million-\$99.9 million.....	26	666.3	28.2	12.5	10.5	1.0	11.9	15.9
\$100.0 million and over.....	6	3,042.2	196.8	89.3	41.0	.2	54.3	62.2
<b>1980: Total</b> .....	<b>2,711</b>	<b>6,361.3</b>	<b>246.6</b>	<b>105.1</b>	<b>63.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$1.0 million <sup>3</sup> .....	2,483	992.5	24.1	6.0	4.7	91.6	15.6	7.5
\$1.0 million-\$9.9 million.....	192	998.0	28.4	11.3	9.7	7.1	15.7	15.4
\$10.0 million-\$99.9 million.....	29	768.2	28.5	12.6	10.3	1.1	12.1	16.3
\$100.0 million and over.....	6	3,600.5	165.5	75.2	38.2	2	56.6	60.6

<sup>1</sup> Active corporations. <sup>2</sup> Before (after) deduction of foreign tax credit, investment credit; beginning 1975, work incentive (WIN) credit; beginning 1979, U.S. possessions tax credit; jobs credit; and beginning 1980 nonconventional source fuel and alcohol fuel credits. Includes tax from recomputing prior-year investment credit and additional tax for tax preferences. Beginning 1975, includes tax from recomputing prior year work incentive (WIN) credit. <sup>3</sup> Includes corporations with zero assets. <sup>4</sup> Excludes tax preference items upon which additional tax for tax preferences is based.

Source of tables 532 and 533. U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual.

## No. 534. VALUE OF SHIPMENTS TO GOVERNMENT—SUMMARY, BY AGENCY: 1979 TO 1981

[In millions of dollars. Data do not represent all Federal Government procurement; only that of the 92 industries selected for the sample. See source for description of methodology]

ITEM	1979	1980	1981	ITEM	1979	1980	1981
<b>Total industry shipments</b> .....	<b>533,074</b>	<b>630,988</b>	<b>683,029</b>	Subcontracts .....	15,205	19,345	21,501
Government shipments.....	56,702	68,434	80,640	Agency known.....	10,772	13,861	14,812
Prime contracts.....	41,498	49,089	59,139	Dept. of Defense.....	8,608	11,281	12,742
Dept. of Defense .....	32,711	39,138	48,578	National Aero. and Space .....	829	755	814
National Aero. and Space .....	1,913	2,433	2,683	Dept. of Energy .....	410	410	516
Dept. of Energy .....	2,891	3,201	3,775	Other agencies.....	925	1,415	741
Other agencies.....	3,983	4,317	4,104	Agency not known.....	4,432	5,483	6,689

Source: U.S. Bureau of the Census, *Current Industrial Reports*, series MA-175(81)-1.

## NO. 535. FEDERAL CIVILIAN EMPLOYMENT AND ANNUAL PAYROLLS, BY BRANCH: 1960 TO 1982

[Includes employees in U.S. territories (Commonwealth, Trust Territory, Condominium, outlying areas, and Disputed Island) and in foreign countries. Figures represent employees in active-duty status, including intermittent employees. Annual figures are for fiscal year and are averages of monthly (as of last day) figures. Excludes Central Intelligence Agency and National Security Agency. See *Historical Statistics, Colonial Times to 1970*, series Y 308-317, for data as of June 30]

BRANCH OF GOVERNMENT	Unit	1960	1965	1970	1975	1978	1979	1980	1981	1982
Employment, total <sup>1</sup>	1,000.....	2,430	2,539	2,928	2,882	2,875	2,897	2,987	2,910	2,871
Percent of U.S. employed <sup>3</sup>	Percent.....	37	36	37	34	30	29	30	29	29
Executive <sup>1</sup>	1,000.....	2,403	2,507	2,891	2,834	2,822	2,844	2,933	2,885	2,816
Rate per 1,000 population <sup>4</sup>	Rate.....	131	128	14.2	13.2	12.7	12.7	12.9	12.4	12.2
Defense.....	1,000.....	1,042	1,038	1,195	1,036	987	970	972	986	1,019
Legislative.....	1,000.....	23	25	30	37	40	40	40	40	39
Judicial.....	1,000.....	5	6	7	10	13	13	14	15	16
Payrolls, total <sup>1</sup>	Mil. dol. ....	13,243	18,020	28,562	40,699	49,921	53,590	58,012	63,792	65,503
Percent of total Fed. outlays .....	Percent.....	14.4	15.2	14.6	12.6	11.1	10.9	10.1	9.7	9.0
Executive <sup>1</sup>	Mil. dol. ....	13,058	17,746	28,117	39,944	48,899	52,513	56,841	62,510	64,126
Defense.....	Mil. dol. ....	5,884	7,327	11,352	14,356	16,995	18,065	19,234	21,227	22,226
Legislative.....	Mil. dol. ....	154	216	353	589	771	817	883	922	980
Judicial.....	Mil. dol. ....	36	58	92	166	251	260	288	360	398

<sup>1</sup> Includes Postal Service Christmas help. <sup>2</sup> Includes 36,417 temporary census workers in 1960; 33,000 in 1970; and 4,975 for 1980. <sup>3</sup> Civilian only. See table 670. <sup>4</sup> Resident population as of July 1.

## NO. 536. FEDERAL CIVILIAN EMPLOYMENT—SUMMARY: 1960 TO 1982

[In thousands. Partially estimated. As of Dec. 31. Excludes U.S. Territories and foreign countries, Central Intelligence Agency, Christmas help of the U.S. Postal Service, and National Security Agency]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, D.C., SMSA <sup>1</sup>				
	1960	1965	1970	1975	1979	1980	1981	1982	1965	1970	1980	1981	1982
Paid employment.....	2,213	2,403	2,645	2,741	2,763	2,772	2,722	2,724	275	316	366	351	347
Male.....	1,668	1,813	1,931	1,896	1,826	1,790	1,649	1,722	185	180	202	194	191
Female.....	545	590	714	845	937	982	1,073	1,002	110	136	164	157	156
Full-time.....	2,084	2,267	2,516	2,496	2,489	2,504	2,473	2,474	268	308	342	331	327
Other.....	129	136	129	245	274	268	249	250	7	8	24	20	20
Competitive service <sup>2</sup> .....	2,041	2,201	2,393	1,714	1,695	1,692	1,662	1,676	231	262	258	247	243
Career.....	1,676	1,768	1,991	1,300	1,344	(NA)	(NA)	(NA)	173	198	(NA)	(NA)	(NA)
Career-conditional.....	251	298	290	354	293	(NA)	(NA)	(NA)	49	53	(NA)	(NA)	(NA)
Temporary <sup>3</sup> .....	114	115	112	60	58	70	60	67	9	11	11	7	8
Excepted service <sup>2,4</sup> .....	172	202	252	1,027	.068	1,080	1,060	1,048	44	54	107	103	104
Permanent.....	100	112	164	863	897	917	926	903	32	38	70	72	71
Other.....	72	90	88	164	171	163	134	142	12	16	37	31	33
White-collar.....	1,639	1,850	2,113	2,255	2,300	2,314	2,269	2,092	237	278	334	321	312
Blue-collar.....	574	553	532	486	463	458	453	452	38	38	32	30	35

NA Not available. <sup>1</sup> See footnote 3, table 538. <sup>2</sup> In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. <sup>3</sup> Includes "indefinite." <sup>4</sup> Excepted from competitive requirements of Civil Service Act.

## No. 537. ACCESSIONS TO AND SEPARATIONS FROM PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT: 1970 TO 1983

[In thousands, except rate. For fiscal years ending June 30 through 1975; thereafter as of Sept. 30. Includes accessions and separations of part-time and intermittent employees]

ITEM	UNITED STATES								WASHINGTON, D.C., SMSA <sup>1</sup>				
	1970	1975	1978	1979	1980	1981	1982	1983, Oct.-Mar.	1980	1981	1982	1983, Oct.-Mar.	
Accessions, total.....	560.7	601.2	651.3	663.9	930.0	547.3	516.9	106.4	94.1	55.3	51.6	11.8	
Monthly rate <sup>2</sup> .....	1.7	1.9	2.0	1.9	2.9	1.7	1.6	4.0	2.3	1.4	1.3	3.6	
Separations, total.....	641.1	588.9	632.4	665.0	966.3	578.1	508.4	107.0	90.9	67.4	53.4	11.4	
Monthly rate <sup>3</sup> .....	2.0	1.8	1.9	4.3	2.8	1.8	1.6	4.0	2.2	1.7	1.4	3.5	
Quits <sup>3</sup> .....	311.5	213.2	223.2	243.3	219.4	214.4	181.4	31.2	31.5	28.8	22.6	4.0	
Reduction in force <sup>4</sup> .....	17.5	10.4	50.0	50.5	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Discharge <sup>4,5</sup> .....	19.7	17.2	19.2	19.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Other <sup>4</sup> .....	292.3	348.1	340.1	342.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	

NA Not available. <sup>1</sup> See footnote 3, table 538. <sup>2</sup> Per 100 employees. <sup>3</sup> Represents resignation, transfer to another Federal agency, and abandonment of position. <sup>4</sup> Partially estimated. <sup>5</sup> Represents separation required by an agency for disqualification or inefficiency, and removal for misconduct, delinquency, or other serious cause. <sup>6</sup> Represents termination of appointment, and separation for extended leave without pay, military leave, retirement, death, legal incompetency, and disability not entitled to retirement and displacement.

Source of tables 535-537: U.S. Office of Personnel Management, *Annual Report; Monthly Release of Federal Civilian Work Force Statistics*; and unpublished data.

## Federal Government Finances and Employment

No. 538. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—STATES AND OTHER AREAS:  
1960 TO 1981

[As of December 31. Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

REGION, DIVISION, AND STATE OR OTHER AREA	TOTAL EMPLOYMENT (1,000)						PERCENT OF U.S.			EMPLOYMENT IN SELECTED AGENCIES, 1981 <sup>1</sup> (1,000)			
	1960	1965	1970	1975	1980	1981 <sup>1</sup>	1970	1980	1981 <sup>1</sup>	Dept. of De- fense	Postal Ser- vice	Veter- ans Admin.	Dept. of HHS <sup>2</sup>
	2,373	2,570	2,875	2,870	2,883	2,804	(x)	(x)	(x)	1,009.0	660.0	232.7	148.5
Total	2,373	2,570	2,875	2,870	2,883	2,804	(x)	(x)	(x)	1,009.0	660.0	232.7	148.5
U.S.	2,213	2,403	2,665	2,738	2,759	2,733	100.0	100.0	100.0	924.4	657.1	230.4	147.6
D.C. area <sup>3</sup>	236	275	318	335	346	336	11.9	12.5	12.3	82.2	17.5	6.6	31.8
50 States <sup>3</sup>	1,977	2,128	2,348	2,403	2,413	2,397	88.1	87.5	87.7	842.2	639.6	223.8	115.8
Regions:													
Northeast	475.8	477.9	504.2	491.8	469.0	463.3	18.9	17.0	17.0	136.2	175.2	50.8	22.2
North Central	424.0	452.9	498.1	497.4	486.0	475.3	18.7	17.6	17.4	121.8	176.1	57.2	20.4
South	609.6	678.3	759.5	810.4	839.1	836.4	28.5	30.4	30.6	335.8	165.1	74.0	48.6
West	467.8	519.2	566.0	603.1	618.4	621.9	22.0	22.5	22.8	248.4	123.2	41.8	24.6
N. Eng.	113.1	113.2	122.8	116.2	114.6	113.2	4.6	4.2	4.1	34.5	41.1	14.4	3.8
Maine	17.3	15.1	15.1	12.1	9.0	8.9	.6	.3	.3	2.3	3.5	1.3	.3
N.H.	3.6	4.4	5.5	10.2	15.0	15.4	.2	.6	.6	10.3	2.6	.8	.1
Vt.	3.1	3.2	3.7	4.4	4.4	4.4	.2	.2	.2	.5	1.7	.9	.1
Mass.	62.2	60.9	63.5	58.4	57.0	55.5	2.4	2.1	2.0	12.4	21.0	7.7	2.6
R.I.	12.3	13.2	14.6	10.1	9.1	9.1	.6	.3	.3	4.3	2.7	1.2	.2
Conn.	14.6	16.4	20.4	21.0	20.1	19.9	.8	.7	.7	4.7	9.6	2.5	.5
Mld. Atl.	362.7	364.7	381.4	375.6	354.4	350.1	14.3	12.8	12.8	101.7	134.1	36.4	18.4
N.Y.	179.8	173.1	177.8	172.3	165.6	150.9	6.7	5.7	5.5	20.2	71.2	20.5	9.8
N.J.	53.8	58.3	65.9	71.0	69.7	70.6	2.5	2.5	2.6	28.0	27.0	4.6	1.7
Pa.	129.1	133.3	137.7	132.3	128.4	128.6	5.2	4.7	4.7	53.5	35.9	11.3	6.9
E. No. Cent.	282.2	302.5	330.9	322.4	313.6	306.3	12.4	11.4	11.2	83.7	119.4	35.7	12.8
Ohio	88.8	93.5	96.9	93.6	88.4	87.0	3.6	3.2	3.2	33.0	29.7	8.8	2.8
Ind.	31.7	35.1	44.4	40.8	41.7	39.9	1.7	1.5	1.5	13.7	13.9	3.8	.9
Ill.	98.9	104.3	110.7	106.6	102.2	99.7	4.2	3.7	3.6	21.6	40.9	11.7	6.1
Mich.	42.4	47.3	53.4	54.6	54.1	53.4	2.0	2.0	2.0	12.3	23.0	6.2	1.9
Wis.	20.4	22.3	25.5	26.8	27.2	26.3	1.0	1.0	1.0	3.1	11.9	5.2	1.1
W. No. Cent.	141.8	150.4	167.2	175.0	172.4	169.0	6.3	6.2	6.2	38.1	56.7	21.5	7.6
Minn.	24.6	26.9	29.3	30.3	30.3	29.4	1.1	1.1	1.1	3.1	13.4	4.8	.8
Iowa	15.8	16.7	18.1	19.2	18.9	18.5	.7	.7	.7	1.5	9.2	3.0	.5
Mo.	50.0	56.2	65.0	66.4	66.1	65.5	2.4	2.4	2.4	20.2	17.2	6.0	4.4
N. Dak.	5.9	6.9	8.1	9.1	8.7	8.3	.3	.3	.3	1.9	2.3	.6	.4
S. Dak.	9.0	9.1	9.3	10.8	10.2	9.9	.3	.4	.4	1.4	2.2	1.9	.8
Nebr.	15.4	14.9	16.1	16.1	15.4	15.2	.6	.6	.6	3.8	5.1	2.1	.3
Kans.	21.1	19.7	22.3	23.1	22.8	22.2	.8	.8	.8	6.2	7.3	3.1	.4
So. Atl.	280.6	317.1	363.7	389.9	395.9	399.6	13.6	14.3	14.6	179.7	77.9	33.6	33.0
Del.	3.4	3.7	4.7	5.2	4.8	4.8	.2	.2	.2	1.9	1.5	.8	.1
Md.	45.3	51.8	62.0	64.7	62.4	59.7	2.3	2.3	2.2	22.7	7.9	2.9	21.5
Va. <sup>3</sup>	66.9	70.7	74.0	78.0	79.2	82.0	2.8	2.9	3.0	54.6	9.5	5.2	1.1
W. Va.	10.5	11.6	13.3	15.6	15.9	17.8	.5	.6	.7	1.7	4.5	2.8	.6
N.C.	28.5	31.4	37.3	42.3	41.9	42.2	1.4	1.5	1.5	13.9	11.8	4.8	2.0
S.C.	22.5	25.8	29.3	30.7	31.6	32.0	1.1	1.1	1.2	19.4	5.5	2.8	.6
Ga.	55.5	64.9	73.8	75.0	77.0	77.6	2.8	2.8	2.8	35.1	13.0	5.1	4.8
Fla.	48.0	57.2	69.3	78.4	82.7	83.5	2.6	3.0	3.1	30.4	24.2	9.2	2.3
E. So. Cent.	138.3	147.3	154.1	173.9	195.6	188.6	5.8	7.1	6.9	58.3	31.4	16.9	5.7
Ky.	27.6	29.5	34.7	36.9	34.5	33.7	1.3	1.3	1.2	12.9	7.6	3.3	.8
Tenn.	34.1	40.7	44.8	55.4	71.6	67.3	1.7	2.6	2.5	8.1	11.8	6.3	1.1
Ala.	60.9	59.5	54.3	56.5	61.3	59.7	2.0	2.2	2.2	25.9	7.4	4.5	3.2
Miss.	15.7	17.6	20.3	24.1	26.2	27.9	.8	1.0	1.0	11.4	4.6	2.8	.6
W. So. Cent.	190.7	213.9	247.1	246.6	248.6	248.2	9.1	9.0	9.1	97.8	55.8	23.5	9.9
Ark.	13.1	15.1	16.6	18.7	19.8	18.9	.6	.7	.7	4.9	4.9	3.4	1.7
La.	22.9	25.2	27.6	30.6	33.3	31.8	1.1	1.2	1.2	8.5	9.0	3.8	2.1
Okla.	42.1	46.9	52.8	47.7	45.7	46.0	2.0	1.7	1.7	24.2	7.7	2.4	2.0
Tex.	112.6	126.7	144.7	149.6	149.2	151.5	5.4	5.4	5.5	60.2	34.2	13.9	4.1
Mt.	128.0	146.8	165.0	181.5	189.1	188.8	6.2	6.9	6.9	61.1	29.0	11.8	8.7
Mont.	8.4	9.8	10.3	12.2	12.8	12.5	4	5	5	1.4	2.2	.7	.8
Idaho	6.2	7.4	8.2	9.8	11.2	11.4	3	4	4	1.1	2.1	.6	.2
Wyo.	4.7	5.0	5.2	6.1	6.8	6.6	2	3	2	.9	1.2	.9	.1
Colo.	33.9	37.7	42.3	48.7	50.3	49.3	1.6	1.8	1.8	13.8	9.2	2.7	1.4
N. Mex.	22.8	24.3	25.1	26.9	27.6	27.4	.9	1.0	1.0	9.7	2.7	1.8	2.7
Ariz.	19.8	22.7	27.5	33.6	36.1	36.1	1.1	1.3	1.3	10.1	6.4	3.0	3.0
Utah.	26.4	32.5	38.3	35.3	34.8	36.5	1.4	1.3	1.3	21.7	3.1	1.5	.2
Nev.	5.8	7.4	8.1	8.9	9.5	9.0	.3	.3	.3	2.4	2.1	.8	.3
Pac.	339.8	372.4	421.0	421.6	430.3	433.1	15.8	15.8	15.8	187.3	94.2	30.0	15.9
Wash.	45.6	48.3	52.6	57.8	63.0	62.2	2.0	2.3	2.3	27.6	11.2	4.1	2.4
Oreg.	20.0	22.0	24.1	25.6	28.8	28.7	.9	1.0	1.1	3.4	6.6	2.5	.6
Calif.	239.5	265.1	303.5	297.8	298.2	301.1	11.4	10.8	11.0	131.6	72.9	23.1	11.1
Alaska	12.6	13.5	14.5	15.1	15.5	15.1	.6	.6	.6	4.6	1.4	.1	1.6
Hawaii	22.1	23.5	26.3	25.3	24.8	26.0	1.0	.9	1.0	20.1	2.1	.2	.2
Outside U.S.	159.7	167.1	209.9	131.8	124.3	71.3	(x)	(x)	(x)	84.5	2.9	2.3	.9
Territories	32.2	33.8	36.9	33.0	14.0	17.0	(x)	(x)	(x)	6.5	2.9	2.1	.8
Foreign	127.5	133.3	173.0	98.8	110.3	54.3	(x)	(x)	(x)	78.1	-	.2	.1

- Represents zero. X Not applicable. <sup>1</sup> Estimated. <sup>2</sup> Health and Human Services. <sup>3</sup> Washington, D.C. Standard Metropolitan Statistical Area includes District of Columbia, Alexandria and Falls Church cities, Arlington and Fairfax Counties, Va.; and Montgomery and Prince Georges Counties, Md.; beginning 1965, Fairfax City, Va.; beginning July 1967, Loudoun and Prince William Counties, Va.; beginning July 1973, Charles County, Md.; and beginning July 1975, Manassas and Manassas Park, Va. These areas are excluded from data for the 50 States.

Source: U.S. Office of Personnel Management, *Federal Civilian Employment in the United States by Geographic Area*, annual.

# Civilian Employment—Pay Increases

335

## No. 539. PAID CIVILIAN EMPLOYMENT IN FULL-TIME POSITIONS IN THE FEDERAL GOVERNMENT, ALL AREAS: 1965 TO 1982

[As of June 30 through 1970; as of March 31 thereafter. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, p. 312 for explanation of General Schedule and Wage System. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES (1,000)						AVERAGE PAY (dol.)					
	1965	1970	1975	1980	1981	1982	1965	1970	1975	1980	1981	1982
Total .....	2,398	2,806	2,582	2,498	2,475	1,975	6,868	9,234	13,529	17,758	21,115	22,839
General schedule.....	1,112	1,287	1,349	1,402	1,395	1,400	7,707	11,065	14,483	17,299	21,833	22,975
Wage system.....	621	674	528	456	446	449	5,887	6,976	11,197	17,644	19,557	20,550
Postal pay system.....	534	673	556	528	506	(NA)	6,219	8,120	13,329	17,799	19,089	(NA)
Other.....	131	172	139	113	127	123	7,032	8,741	13,951	20,344	26,777	29,627

NA Not available.

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

## No. 540. FEDERAL GENERAL SCHEDULE EMPLOYEE PAY INCREASES: 1945 TO 1982

[Percent change from prior year shown. Represents legislated pay increases. For some years data based on range; for details see source]

EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase
July 1, 1945.....	15.9	July 1, 1964.....	4.2	Oct. 1, 1973.....	4.8
July 1, 1946.....	14.0	Oct. 1, 1965.....	3.6	Oct. 1, 1974.....	5.5
June 30, 1948.....	11.0	July 1, 1966.....	2.9	Oct. 1, 1975.....	5.0
Oct. 28, 1949.....	4.0	Oct. 1, 1967.....	4.5	Oct. 1, 1976.....	5.2
June 30, 1951.....	10.0	July 1, 1968.....	4.9	Oct. 1, 1977.....	7.0
Feb. 28, 1955.....	7.5	July 1, 1969.....	9.1	Oct. 1, 1978.....	5.5
Jan. 1, 1958.....	10.0	Dec. 27, 1969.....	6.0	Oct. 1, 1979.....	7.0
July 1, 1960.....	7.5	Jan. 1, 1971.....	6.0	Oct. 1, 1980.....	9.1
Oct. 11, 1962.....	5.5	Jan. 1, 1972.....	5.5	Oct. 1, 1981.....	4.8
Jan. 1, 1964.....	3.9	Oct. 1, 1972.....	5.1	Oct. 1, 1982.....	4.0

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

## No. 541. FULL-TIME WHITE-COLLAR CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT—TOTAL AND WOMEN, BY GRADE LEVELS: 1970 TO 1981

[As of October 31]

SEX AND GRADE <sup>1</sup>	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total employment.....	1,000.....	1,982	1,967	1,976	1,981	1,978	1,995	1,978	1,985	<sup>2</sup> 1,513
Women.....	1,000.....	657	682	697	711	721	737	747	767	<sup>2</sup> 690
Percent of total.....	Percent.....	33.1	34.8	35.3	35.9	36.5	36.9	37.7	38.6	<sup>2</sup> 45.6
General Schedule and Equivalent Pay System.....	1,000.....	1,259	1,404	1,428	1,456	1,469	1,483	1,465	1,473	1,481
Women <sup>3</sup> .....	1,000.....	507	588	601	621	632	645	646	664	679
Percent of total.....	Percent.....	40.3	41.7	42.1	42.7	43.0	43.5	44.1	45.1	45.9
Grades 1-6 (\$8,342-\$18,630).....	1,000.....	521	588	585	587	587	584	563	561	563
Women.....	1,000.....	376	418	419	424	424	425	415	416	417
Percent of total.....	Percent.....	72.2	71.1	71.6	72.2	72.2	72.8	73.8	74.1	74.1
Grades 7-10 (\$15,922-\$27,884).....	1,000.....	302	333	344	352	354	357	355	357	359
Women.....	1,000.....	101	123	132	142	147	153	157	165	171
Percent of total.....	Percent.....	33.4	36.9	38.4	40.3	41.5	42.9	44.4	46.3	47.6
Grades 11-12 (\$23,566-\$36,728).....	1,000.....	264	286	297	309	316	326	331	335	343
Women.....	1,000.....	25	36	40	44	48	54	58	64	71
Percent of total.....	Percent.....	9.5	12.6	13.5	14.2	15.2	16.6	17.5	19.3	20.8
Grades 13-15 (\$33,586-\$50,112).....	1,000.....	164	190	196	201	205	209	213	217	215
Women, percent of total.....	Percent.....	3.0	4.7	5.1	5.5	5.9	6.2	7.0	8.2	9.2
Grades 16-18 (\$50,112) <sup>4</sup> .....	1,000.....	8	7	7	7	7	7	4	3	1
Women, percent of total.....	Percent.....	1.4	2.4	2.7	2.9	3.6	4.2	5.0	4.4	6.4
Postal pay system.....	1,000.....	618	527	519	498	488	490	487	483	<sup>(2)</sup>
Women.....	1,000.....	102	86	86	81	81	83	91	93	<sup>(2)</sup>
Percent of total.....	Percent.....	16.5	16.3	16.5	16.3	16.6	16.9	18.6	19.2	<sup>(2)</sup>
Other pay systems.....	1,000.....	105	26	28	27	21	22	25	29	32
Women.....	1,000.....	48	10	10	9	8	9	10	10	11
Percent of total.....	Percent.....	45.7	38.5	35.4	33.3	39.7	40.9	38.4	35.5	33.3

<sup>1</sup> Pay ranges shown for General Schedule grades are as of Oct. 1, 1981, and apply only to the 1981 data. <sup>2</sup> Excludes U.S. Postal Service. <sup>3</sup> Includes women in Grades 16-18 not shown separately. <sup>4</sup> Beginning 1979, change in number reflects shift of senior level employees to Senior Executive Service.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biannual.

## Federal Government Finances and Employment

NO. 542. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS:  
1965 TO 1982(As of June 30 through 1975; thereafter, as of Sept. 30. See headnote, table 535. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317.]

AGENCY	1965	1970	1975	1979	1980	1981	1982 <sup>1</sup>
All agencies .....	<sup>2</sup> 2,527,492	2,921,909	2,896,944	2,875,872	2,875,866	2,860,392	2,824,768
Percent Dept. of Defense.....	40.9	40.9	36.0	33.4	33.4	34.4	35.0
Percent Postal Service.....	23.6	24.9	24.1	23.0	23.0	23.2	23.3
Legislative branch.....	25,947	30,715	38,531	39,727	39,710	38,616	38,791
Congress .....	9,296	11,815	17,317	18,900	19,096	18,980	19,454
United States Senate .....	3,474	4,362	6,144	7,148	7,195	7,147	7,199
U.S. House of Representatives .....	5,822	7,453	11,173	11,738	11,888	11,823	12,241
Architect of the Capitol .....	1,519	1,631	2,061	2,331	2,168	2,037	2,128
General Accounting Office .....	4,274	4,631	5,513	5,310	5,488	5,279	5,248
Government Printing Office .....	7,416	8,557	8,549	7,099	6,767	6,408	6,002
Library of Congress .....	3,386	3,848	4,649	5,430	5,527	5,240	5,246
All other .....	56	233	442	657	664	672	713
Judicial branch .....	5,904	6,887	10,399	13,493	15,178	15,651	15,992
United States Courts .....	(NA)	6,664	10,122	13,187	14,847	15,311	15,864
Supreme Court .....	(NA)	223	277	305	331	340	328
Executive branch <sup>4</sup> .....	2,495,641	2,884,307	2,848,014	2,822,652	2,820,978	2,806,125	2,769,985
Executive Office of the President .....	2,849	4,742	1,918	1,818	1,886	1,683	1,598
White House Office .....	333	311	625	408	406	394	366
Office of Management and Budget .....	524	633	673	619	616	677	612
Council of Economic Advisers .....	46	59	40	23	35	34	40
Council on Environmental Quality <sup>5</sup> .....	(X)	32	69	48	49	16	12
National Security Council .....	36	75	89	74	69	67	60
All other .....	1,908	3,632	422	646	711	495	506
Executive departments .....	1,568,747	1,812,572	1,736,872	1,724,921	1,716,970	1,707,353	1,691,337
Agriculture .....	113,017	116,012	120,999	127,809	129,139	128,595	121,175
Commerce .....	33,668	<sup>6</sup> 57,674	36,228	54,101	<sup>6</sup> 48,563	39,689	34,451
Defense .....	1,033,775	1,193,784	1,041,829	960,286	960,116	984,183	989,633
Department of the Army .....	366,726	443,369	378,937	346,694	348,534	354,360	356,615
Department of the Navy .....	333,271	376,340	319,719	303,472	302,498	315,290	314,244
Department of the Air Force .....	291,500	306,323	268,466	234,249	233,132	235,014	236,996
Other Defense Activities .....	42,278	67,752	74,707	75,871	75,952	79,519	81,778
Education <sup>7</sup> .....	(X)	(X)	(X)	(X)	(X)	7,364	6,488
Energy <sup>8</sup> .....	(X)	(X)	(X)	(X)	20,540	21,557	19,567
Health and Human Services <sup>7</sup> .....	87,316	108,044	147,125	160,652	155,662	155,666	147,791
Housing and Urban Development <sup>9</sup> .....	13,777	15,190	17,161	17,451	16,964	15,617	14,279
Interior .....	70,711	73,361	80,198	77,647	77,357	75,899	78,869
Justice .....	33,222	39,257	51,541	55,265	56,327	55,173	57,094
Labor .....	9,527	10,991	14,834	22,959	23,400	21,243	19,248
State .....	39,552	39,753	30,376	29,782	29,497	23,775	24,120
Transportation .....	<sup>10</sup> 45,421	65,985	75,035	73,546	72,361	59,456	62,392
Treasury .....	88,761	92,521	121,546	124,883	124,663	122,002	118,648
Independent agencies:							
ACTION <sup>11</sup> .....	1,104	1,317	1,864	1,882	1,837	1,845	583
American Battle Monuments Commission .....	439	404	399	379	386	377	383
Arms Control and Disarmament Agency .....	175	177	190	226	221	187	186
Board of Governors, Federal Reserve System .....	667	1,016	1,460	1,459	1,498	1,491	1,531
Civil Aeronautics Board .....	846	682	728	746	734	648	516
Commission on Civil Rights .....	109	153	275	304	304	279	272
Consumer Product Safety Comm. <sup>12</sup> .....	(X)	(X)	959	929	921	820	656
Environmental Protection Agency .....	(X)	(X)	10,772	13,543	14,715	12,754	12,273
Equal Empl. Opportunity Commission .....	19	850	2,183	3,630	3,515	3,413	3,190
Export-Import Bank, U.S. ....	308	358	444	398	385	366	342
Farm Credit Administration .....	235	235	223	267	271	282	299
Federal Communications Commission .....	1,541	1,537	2,137	2,248	2,244	2,089	1,927
Federal Deposit Insurance Corporation .....	1,544	2,478	3,103	3,512	3,520	3,357	3,481
Federal Emergency Mgmt. Agency .....	(X)	(X)	(X)	2,392	3,427	2,367	2,197
Federal Home Loan Bank Board .....	1,300	1,273	1,452	1,490	1,470	1,538	1,576
Federal Labor Relations Authority .....	(X)	(X)	(X)	254	349	394	283
Federal Maritime Commission .....	251	233	314	328	325	300	275
Federal Mediation and Conciliation Service .....	422	450	523	521	503	479	370
Federal Trade Commission .....	1,157	1,330	1,661	1,860	1,846	1,689	1,529
General Services Administration .....	36,524	37,945	39,561	37,758	37,654	34,237	30,397
Int'l. Communications Agency <sup>13</sup> .....	11,628	10,262	8,809	8,245	8,138	7,849	7,900
International Trade Commission .....	298	242	427	372	424	434	431
Interstate Commerce Commission .....	2,427	1,755	2,115	2,084	1,998	1,712	1,390
Merit System Protection Board .....	(X)	(X)	(X)	316	435	475	474
National Aeronautics and Space Administration .....	34,049	32,548	26,447	23,614	23,714	23,039	22,563

See footnotes at end of table.

# Federal Civilian Employment

337

## NO. 542. PAID CIVILIAN EMPLOYMENT IN THE FEDERAL GOVERNMENT, BY AGENCY, ALL AREAS: 1965 TO 1982—Continued

[See headnote, page 336]

AGENCY	1965	1970	1975	1979	1980	1981	1982 <sup>1</sup>
Independent agencies—Con.							
National Credit Union Administration <sup>14</sup>	(x)	419	570	650	726	707	612
National Endowment for the Arts <sup>15</sup>				300	362	305	291
National Endowment for the Humanities <sup>15</sup>	(x)	103	557	290	293	268	267
National Labor Relations Board	2,252	2,144	2,485	3,029	2,936	2,935	2,612
National Mediation Board	135	126	103	67	68	61	57
National Science Foundation	1,116	1,211	1,424	1,396	1,394	1,366	1,344
National Transportation Safety Board	(x)	(x)	291	380	384	381	291
Nuclear Regulatory Commission	(x)	(x)	2,247	3,024	3,283	3,545	3,622
Office of Personnel Management <sup>16</sup>	3,789	5,508	6,157	8,076	8,280	7,635	6,563
Panama Canal Commission	11,936	12,571	11,689	10,040	8,700	8,474	8,329
Peace Corps	(x)	(x)	(x)	(x)	(x)	(x)	1,011
Pension Benefit Guaranty Corporation	(x)	(x)	208	438	463	453	438
Railroad Retirement Board	1,767	1,734	1,961	1,820	1,795	1,634	1,550
Securities and Exchange Commission	1,420	1,454	2,002	2,054	2,056	1,957	1,963
Selective Service System	7,587	8,395	2,257	73	97	280	240
Small Business Administration	3,751	4,269	4,796	5,912	5,804	5,088	4,975
Smithsonian Institution	2,334	2,641	3,746	4,621	4,403	4,359	4,317
Soldiers' and Airmen's Home	1,134	1,126	1,041	1,007	994	979	978
Tennessee Valley Authority	16,797	22,244	28,423	49,941	51,714	50,102	39,900
U.S. International Development Cooperation Agency	(17)	(17)	(17)	(17)	6,152	5,835	5,558
U.S. Postal Service <sup>17</sup>	595,512	726,472	699,174	661,800	660,014	663,100	659,552
Veterans Administration	167,059	168,719	213,143	226,084	226,285	232,417	235,982
All other	709	579	1,682	2,153	2,052	1,780	1,568

NA Not available. X Not applicable. <sup>1</sup> Includes 25,038 employees exempted from personnel ceilings in Youth Program and Worker Trainee Opportunities Program.

<sup>2</sup> Includes 33,480 appointments under Youth Opportunity Campaign. <sup>3</sup> Includes 13 in 1979, 13 in 1980, 12 in 1981, and 14 in 1982 of Commission on Security and Cooperation in Europe. <sup>4</sup> Includes agencies not shown separately. <sup>5</sup> Agency established in 1969. <sup>6</sup> Includes 24,278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. <sup>7</sup> Dept. of Education established Sept. 1979; formerly included with Health and Human Services (previously HEW). <sup>8</sup> Dept. of Energy established Oct. 1, 1977. <sup>9</sup> Includes Housing and Home Finance Agency. <sup>10</sup> Data represent Federal Aviation Admin. and St. Lawrence Seaway Development Corp., both of which were transferred to Dept. of Transportation in Apr. 1987. <sup>11</sup> Formerly Peace Corps; became an independent agency in 1971; Peace Corps re-established Dec. 29, 1981. <sup>12</sup> Established Oct. 1972. <sup>13</sup> In Mar. 1978 United States Information Agency became International Communications Agency. <sup>14</sup> Agency established in 1970. <sup>15</sup> Established as the National Foundation on the Arts and Humanities in 1965; divided in Sept. 1978. <sup>16</sup> Formerly Civil Service Commission. <sup>17</sup> Included in Dept. prior to 1980. <sup>18</sup> Post Office, an executive department through 1970, reorganized and became U.S. Postal Service, an independent agency, as of July 1, 1971.

Source: U.S. Office of Personnel Management, *Annual Report* and *Monthly Release of Federal Civilian Work Force Statistics*.

## NO. 543. WHITE-COLLAR FULL-TIME CIVILIAN WORKERS IN THE FEDERAL GOVERNMENT, BY MAJOR OCCUPATION GROUP AND SEX: 1980 AND 1981

[As of October 31. Includes U.S. outlying areas and foreign countries, but excludes foreign nationals overseas]

MAJOR OCCUPATION GROUP	1980		1981 <sup>1</sup>		MAJOR OCCUPATION GROUP	1980		1981 <sup>1</sup>	
	Total (1,000)	Percent male	Total (1,000)	Percent male		Total (1,000)	Percent male	Total (1,000)	Percent male
<b>Total</b>	<b>1,985.0</b>	<b>61.4</b>	<b>1,512.8</b>	<b>54.4</b>	Investigation	49.0	89.9	49.9	88.9
Professional	326.6	76.1	330.4	75.8	Personnel management and industrial relations	40.5	39.9	47.2	38.1
Administrative	433.3	73.9	400.6	71.4	Transportation	44.9	80.6	34.6	75.1
Technical	359.2	56.6	346.8	55.6	Physical sciences	43.8	87.6	43.8	86.8
Clerical	818.4	49.2	392.5	14.0	Education	29.0	56.5	28.3	56.8
Other <sup>2</sup>	47.6	90.6	42.7	91.2	Information and arts	21.2	61.7	21.3	59.8
General admin., clerical, and office services	448.7	31.1	429.7	30.4	Quality assurance inspection and grading	18.7	91.5	18.8	90.4
Postal	451.5	82.0	(1)	(1)	Math. and statistics	15.0	86.6	14.6	66.5
Engineering and architecture	153.8	96.4	154.2	95.8	Equipment, facilities, and service	14.8	94.9	15.1	93.8
Accounting and budget	125.2	46.5	123.3	44.6	Library and archives	9.8	35.9	9.8	34.4
Medical, hospital, dental, and public health	132.1	35.1	134.8	35.0	Other	63.8	88.4	58.8	88.3
Business and industry	75.9	62.0	80.3	58.4	Average salary, total	\$21.5	(x)	\$23.1	(x)
Legal and kindred	71.0	42.0	71.8	41.0	Professional	\$30.9	(x)	\$31.9	(x)
Social science, psychology, and welfare	60.6	61.4	60.6	60.4	Administrative	\$28.3	(x)	\$29.5	(x)
Supply	55.3	50.3	57.4	48.5	Technical	\$18.2	(x)	\$18.8	(x)
Biological sciences	52.0	86.2	58.7	85.7	Clerical	\$15.8	(x)	\$13.8	(x)

X Not applicable. <sup>1</sup> Excludes U.S. Postal Service. <sup>2</sup> Includes unspecified.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

## Federal Government Finances and Employment

## No. 544. SALARIES OF SELECTED FEDERAL GOVERNMENT OFFICIALS: 1949 TO 1983

YEAR <sup>1</sup>	President	Vice President	Cabinet officers	Congressmen <sup>2</sup>	YEAR <sup>1</sup>	President	Vice President	Cabinet officers	Congressmen <sup>2</sup>
1949 .....	\$100,000	\$30,000	\$22,500	(4)	1975 .....	(4)	\$65,600	\$63,000	\$44,600
1955 .....	(4)	35,000	(1)	\$22,500	1976 .....	(4)	\$68,800	\$66,000	\$46,800
1956 .....	(4)	(1)	25,000	(4)	1977-1978 .....	(4)	\$75,000	66,000	57,500
1964 .....	(4)	43,000	35,000	(4)	1979-1980 .....	(4)	\$79,100	\$69,600	\$60,700
1965 .....	(4)	(1)	(1)	30,000	1980-1982 .....	(4)	\$79,100	\$69,600	\$60,700
1968 .....	\$200,000	\$62,500	60,000	42,500	1983 .....	(4)	91,000	80,100	\$69,600

<sup>1</sup> When salary change became effective. <sup>2</sup> Representatives and senators. <sup>3</sup> Plus \$50,000 for official expenses. <sup>4</sup> No change from prior year shown. <sup>5</sup> Plus \$10,000 expense allowance. <sup>6</sup> Pursuant to Legislative Branch Appropriation Act, 1977, salaries paid were limited to the rates in effect on Sept. 30, 1976. <sup>7</sup> Pursuant to Public Law 96-86, salaries paid are limited to the rates in effect for 1978. <sup>8</sup> Public Law 97-377, December 18, 1982; Senate salary remains \$60,700, however, a Senate pay bill is expected to be passed by the House that will increase the Senate pay rate to that of the House.

Source: U.S. Office of Personnel Management, *Annual Report*, and unpublished data.

## No. 545. FULL-TIME CIVILIAN BLUE-COLLAR EMPLOYMENT BY GROUP: 1960 TO 1981

[Covers full-time civilian blue-collar employment as of October 31 in all Federal departments and agencies except members and staff of Congress, the Congressional Budget Office, Copyright Royalty Tribunal, Office of Technology Assessment, most of the Judicial Branch, and the Board of Governors of the Federal Reserve System. The Central Intelligence and National Security agencies are exempt by law from reporting personnel data to Office of Personnel Management. Excludes foreign nationals employed overseas; beginning 1980 excludes the U.S. Postal Service]

MAJOR OCCUPATION GROUP	1960	1970	1980	1981	MAJOR OCCUPATION GROUP	1960	1970	1980	1981
	Total	635,207	574,928	452,834		Misc. occupations	-	725	4,932	5,009
Electronic equip. install. and maintenance.....	22,836	29,898	23,896	23,865	Industrial equipment maintenance.....	16,183	19,096	19,249	19,928
Electrical installation and maintenance.....	32,924	28,723	25,533	24,453	Industrial equipment operation.....	37,340	28,365	18,375	18,061
Instrument work.....	6,223	7,727	6,029	6,108	Transportation/mobile equip. operations.....	48,257	45,463	28,836	28,627
Machine tool work.....	31,938	21,751	17,763	17,991	Transportation/mobile equip. maintenance.....	24,184	29,215	23,495	23,041
General services and support work.....	90,776	60,654	39,374	37,720	Armatment work.....	5,161	6,491	5,156	5,311
Metal processing.....	15,262	11,190	8,952	9,166	Warehousing and stock handling.....	50,799	46,597	37,654	39,762
Metal work.....	23,217	21,547	24,150	25,579	Packing and processing.....	10,323	8,518	8,380	8,761
Painting, paperhanging.....	13,865	11,202	10,095	10,207	Food preparation and serving.....	27,858	29,703	23,745	22,680
Plumbing and pipefitting.....	17,707	15,901	19,097	18,640	Engine overhaul.....	11,367	8,155	5,237	5,538
Printing.....	14,668	14,091	10,345	8,301	Aircraft overhaul.....	21,343	18,473	16,599	17,200
Woodwork.....	21,929	17,861	13,891	12,707	Other.....	78,926	76,912	44,156	45,999
General maintenance and operation.....	12,520	16,670	17,905	17,415					

- Represents zero.

Source: U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial.

## No. 546. FULL-TIME FEDERAL GOVERNMENT EMPLOYMENT, BY RACE AND HISPANIC ORIGIN, AND BY PAY SYSTEM: 1980 AND 1981

[As of Nov. 30. Excludes Hawaii, Guam, foreign nationals abroad, and employment within the U.S. Postal Service]

PAY SYSTEM	1980				1981			
	Total employ-ees (1,000)	Minority groups			Total employ-ees (1,000)	Minority groups		
		Total <sup>1</sup> (1,000)	Per-cent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)	Total <sup>1</sup> (1,000)	Per-cent of total	Black, non-Hispanic (1,000)
All pay systems, total.....	1,926.2	437.5	22.7	305.1	80.1	1,848.0	437.5	23.7
General schedule and similar <sup>2</sup> .....	1,455.5	302.6	20.8	211.3	51.9	1,412.5	305.9	21.7
GS 1-4 (\$8,342-\$14,937).....	273.9	90.2	32.9	65.8	13.4	261.6	88.1	33.6
GS 5-8 (\$12,854-\$22,926).....	445.0	116.8	26.2	87.9	18.2	434.0	118.3	62.9
GS 9-12 (\$19,477-\$36,723).....	521.0	77.4	14.9	47.2	16.6	508.5	80.3	18.6
GS 13-15 (\$33,586-\$60,689).....	215.6	18.3	8.5	10.5	3.7	208.5	19.2	15.8
Executive total.....	8.4	.6	7.1	.4	(z)	7.3	.5	48.1
Wage systems.....	440.9	131.1	29.7	91.4	27.7	405.1	127.1	3.9
Other pay systems.....	21.4	3.2	15.0	2.0	.5	23.1	3.9	2.1

<sup>1</sup> Fewer than 50. <sup>2</sup> Includes American Indians, Alaska Natives, Asians, and Pacific Islanders, not shown separately.

<sup>2</sup> Pay rates as of Oct. 1981 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown.

Source: U.S. Office of Personnel Management, *Equal Employment Opportunity Statistics*, annual, and unpublished data.

## NO. 547. FEDERAL LAND AND BUILDINGS OWNED AND LEASED: 1960 TO 1982

[As of June 30, except, beginning 1976, as of Sept. 30. Covers Federal real property throughout the world, except as noted.  
Totals include data not shown separately. For data on Federal land by State, see table 343]

ITEM AND AGENCY	Unit	1960	1965	1970	1975	1979	1980	1981	1982
<b>Federally owned:</b>									
Land, total	Mil. acres	772	766	762	761	770	720	731	730
Dept. of Agriculture	Mil. acres	186	187	187	183	188	184	193	193
Dept. of Defense	Mil. acres	90	30	31	31	30	30	23	23
Dept. of the Interior	Mil. acres	553	546	540	538	549	502	512	511
Buildings, number <sup>1</sup>		1,000	413	433	418	405	411	403	359
Dept. of Defense <sup>1</sup>		1,000	320	335	319	312	314	301	264
Dept. of the Interior		1,000	31	34	34	30	33	34	35
Buildings, floor area <sup>1</sup>	Mil. sq. ft.	2,445	2,490	2,542	2,502	2,692	2,522	2,349	2,467
Dept. of Defense <sup>1</sup>	Mil. sq. ft.	1,929	1,874	1,857	1,802	1,914	1,777	1,579	1,707
General Services Administration	Mil. sq. ft.	122	172	205	194	203	202	210	199
Dept. of the Interior	Mil. sq. ft.	42	47	61	58	63	65	68	69
Veterans Administration	Mil. sq. ft.	115	114	110	111	116	116	117	117
Cost of land, buildings, etc. <sup>2</sup>	Bil. dol.	53	66	79	91	113	107	107	117
Dept. of Defense	Bil. dol.	31	39	44	56	66	60	63	68
Dept. of the Interior	Bil. dol.	5	6	8	10	11	10	10	12
<b>Federally leased:</b>									
Land	Mil. acres	1.8	1.8	1.6	1.2	1.4	1.4	1.4	1.4
Dept. of Defense	Mil. acres	1.7	1.7	1.4	1.0	1.2	1.2	1.1	1.2
Buildings, floor area <sup>1</sup>	Mil. sq. ft.	97	132	182	210	218	214	216	215
Dept. of Defense <sup>1</sup>	Mil. sq. ft.	11	7	7	13	12	14	15	14
Rental property, cost	Mil. dol.	174	282	451	664	912	1,054	1,320	1,422
Dept. of Defense	Mil. dol.	35	35	63	65	72	156	316	314

<sup>1</sup> Excludes data for Dept. of Defense military functions outside United States. <sup>2</sup> See headnote, table 548.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual, and *Inventory Report on Real Property Leased to the United States Throughout the World*, annual.

## NO. 548. FEDERALLY OWNED LAND AND COST OF LAND, BY PREDOMINANT USAGE: 1960 TO 1982

[As of June 30, except beginning 1978, as of Sept. 30. Covers land in United States only (50 States and D.C.). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 343]

YEAR AND AGENCY	Total	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields	Other
<b>LAND (mil. acres)</b>										
1960, total	771.5	513.5	166.7	22.4	18.3	5.5	8.0	1.9	2.0	33.2
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0	35.3
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5	33.8
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3	32.0
1978, total	775.2	514.8	182.7	26.7	20.6	8.2	6.1	1.6	1.5	33.1
1979, total	769.9	472.1	162.6	68.5	18.0	8.3	6.0	1.5	1.5	31.4
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	.4	9.3
1981, total	730.8	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.1	9.2
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	.7	9.1
Dept. of Agriculture	192.5	172.3	19.7	(2)	-	-	-	-	-	.5
Dept. of Energy	2.4	-	-	-	-	-	(2)	(2)	-	2.3
Dept. of Defense	22.9	.1	(2)	.1	10.6	7.6	-	.7	.7	3.1
Dept. of the Interior	510.5	260.9	142.1	100.4	-	(2)	3.7	.7	(2)	2.8
Tennessee Valley Authority	1.0	(z)	-	.2	-	.7	-	(2)	-	.1
Other	.5	(z)	-	(z)	(z)	.2	(2)	-	(z)	.3
<b>COST OF LAND (mil. dol.)</b>										
1960	2,956	130	22	142	348	1,063	170	219	195	667
1965	4,120	237	18	180	298	1,915	224	204	203	849
1970	5,475	350	26	373	331	2,591	312	251	162	1,079
1975	6,872	589	26	618	334	3,381	313	273	199	1,139
1978	8,762	789	27	1,047	477	3,914	580	296	133	1,499
1979	9,680	900	27	1,417	480	4,104	377	286	146	1,943
1980	9,982	975	28	1,560	502	4,331	365	304	123	1,792
1981	10,355	1,121	29	1,823	274	4,504	264	321	240	1,780
1982	10,777	1,211	29	1,907	286	4,696	280	316	194	1,857

- Represents zero. <sup>z</sup> Less than 50,000 acres.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

## No. 549. PUBLIC LANDS—DISPOSAL TRANSACTIONS AND CASH RECEIPTS: 1951 TO 1982

[For years ending June 30 except, beginning 1977, Sept. 30. For explanation of terms, see text, p. 312. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970*, series J 10-15 and J 26-32]

ITEM	Unit	1951- 1960, total	1961- 1970, total	1971- 1975, total	1976- 1980, <sup>1</sup> total	1977	1978	1979	1980	1981	1982
Applications, entries and selections allowed <sup>2</sup>											
Alaska	1,000 acres .....	3,176	17,518	13,078	<sup>3</sup> 134,014	10,518	860	18,649	1,167	1,311	10,390
	1,000 acres .....	1,535	15,019	12,898	<sup>3</sup> 133,932	10,469	850	18,644	1,160	1,277	10,299
Applications, entries, and selections approved <sup>2</sup>											
Alaska	1,000 acres .....	2,382	4,177	4,704	13,262	1,161	1,364	277	175	340	18,121
	1,000 acres .....	164	2,537	4,270	13,013	1,145	1,360	256	2	321	17,956
Patents and certificates <sup>2</sup>											
Alaska	1,000 acres .....	5,628	11,524	5,584	14,389	1,163	108	616	2,495	1,258	411
Homestead entries: <sup>1</sup>											
Allowed	Number .....	246	6,050	4,470	13,884	990	24	556	2,443	1,090	191
Acres	1,000 .....	6,158	2,383	211	25	13	-	1	1	12	3
Approved <sup>2</sup>								(2)	(2)	1	(2)
1,000 acres .....	790	292	24	3	2	-	1	1	1	2	2
Cash receipts	Mil. dol.	1,457	4,770	16,141	19,715	3,008	2,924	4,052	5,079	11,279	7,880
Mineral leases and per mits	Mil. dol.	1,188	4,168	15,509	18,308	2,717	2,661	3,754	4,783	10,960	7,679
Oil, gas	Mil. dol.	887	3,955	15,387	17,963	2,669	2,600	3,671	4,684	10,884	7,557
Offshore	Mil. dol.	236	2,918	14,462	15,973	2,373	2,259	3,267	4,101	10,138	6,250
Timber	Mil. dol.	209	478	496	1,062	235	195	218	216	216	87
Fees and commissions	Mil. dol.	9	37	46	153	27	32	40	29	44	4
Other	Mil. dol.	51	87	90	192	29	36	40	51	59	110

<sup>-</sup> Represents zero. <sup>Z</sup> Less than 500 acres. <sup>1</sup> Includes transition quarter, July-Sept. 1976. <sup>2</sup> Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions. <sup>3</sup> Includes entries under the Alaska Native Claims Act of Dec. 18, 1971. <sup>4</sup> Excludes ceded Indian lands. <sup>5</sup> Excludes commuted homesteads.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.

## No. 550. PUBLIC LANDS—LEASES, PERMITS, AND LICENSES, BY CLASS: 1960 TO 1982

[As of June 30 (through 1975; thereafter as of Sept. 30); except as noted. Excludes leases on acquired, submerged, and military lands. See *Historical Statistics, Colonial Times to 1970*, series J 41-42, for oil and gas leases]

YEAR	MINERAL CLASS						GRAZING <sup>2</sup>		
	Total	Leases			Permits	Li- censes	Leases <sup>3</sup>	Permits <sup>4</sup>	
		Total	Oil and gas <sup>1</sup>	Coal					
<b>Number:</b>									
1960.....	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965.....	101,863	101,086	100,339	379	368	763	14	8,912	18,712
1970.....	100,598	100,010	99,038	525	447	583	5	8,559	16,627
1975.....	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977.....	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978.....	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979.....	107,176	107,014	104,769	535	1,710	139	23	7,773	14,676
1980.....	106,125	105,963	103,571	522	1,870	132	30	7,700	14,741
1981.....	111,842	111,645	109,041	562	2,042	157	40	7,521	14,628
1982.....	118,589	118,365	115,389	607	2,369	149	75	7,826	12,956
<b>Acreage (1,000):</b>									
1960.....	118,157	114,136	113,667	199	270	4,020	1	18,532	(NA)
1965.....	66,267	64,955	64,148	374	433	1,311	1	18,057	(NA)
1970.....	65,374	64,323	63,030	764	529	1,051	(2)	18,262	(NA)
1975.....	82,618	81,685	80,621	780	485	733	(2)	17,144	(NA)
1977.....	86,903	86,275	83,319	791	2,164	626	2	16,387	(NA)
1978.....	90,202	89,823	86,585	790	2,447	334	45	24,705	(NA)
1979.....	96,482	96,109	92,642	798	2,669	299	74	17,534	(NA)
1980.....	100,585	100,198	96,503	786	2,909	278	109	17,028	(NA)
1981.....	117,257	116,777	112,729	833	3,215	337	143	17,180	(NA)
1982.....	151,743	151,193	146,502	910	3,781	169	361	17,304	157,575

<sup>1</sup> Not available. <sup>Z</sup> Less than 500 acres. <sup>1</sup> For data on Outer Continental Shelf, see Section 27. <sup>2</sup> 1960-1977 as of Dec. 31. Beginning 1978, as of Feb. 28 of following year. <sup>3</sup> Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. <sup>4</sup> Licenses and permits within grazing districts.

Source: U.S. Bureau of Land Management, *Public Land Statistics*, annual.